



*Independent Statistics & Analysis*  
U.S. Energy Information  
Administration

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# Petroleum Marketing Monthly

August 2019



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## Preface

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The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the *free on board* cost (FOB) and *landed* cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics at the, U.S. Energy Information Administration (EIA) ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

### Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five EIA survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, Domestic Crude Oil First Purchase Report; Form EIA-856, Monthly Foreign Crude Oil Acquisition Report; and Form EIA-14, Refiners' Monthly Cost Report.

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

### Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary statistics
- Crude oil prices
- Prices of petroleum products
- Volumes of petroleum products
- Prime supplier sales volumes of petroleum products for local consumption

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual states for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual states.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or state-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, as well as the report month for the previous year.

## Notes on the tables

- For the crude oil statistics referencing Form EIA-182, *United States* includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, *United States* includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals before October 1993.
- References to *Refiners* include gas plant operators (see the Glossary for definition of *Gas plant operators*).
- *Prime supplier* refers to a firm that produces, imports, or transports any of the selected petroleum products across state boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category *retail outlet* refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (PMM) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the *total* columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18–27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from non-OPEC.
- Beginning with the November 2017 data release, EIA responded to the increase of crude oil activity in the North Dakota region. EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

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## Highlights

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### Crude oil

- Monthly average crude oil prices show mixed trends in May. The average domestic crude oil first purchase price fell \$3.33 (5.3%) to \$59.68 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil rose 37 cents (0.6%) to \$61.56 per barrel. The average landed cost of foreign crude oil increased 39 cents (0.6%) to \$63.88 per barrel.
- The average refiner acquisition cost for domestic crude oil declined \$2.30 (3.4%) to \$64.94 per barrel. The average cost of imported crude oil dropped 3 cents (0.0%) to \$65.39 per barrel. The composite refiner acquisition cost for crude oil fell \$1.40 (2.1%) to \$65.12 per barrel.

### Petroleum products

#### *Motor gasoline*

- Average prices for refiner sales of motor gasoline moved in different directions during May. The average retail price rose 3.3 cents to \$2.520 per gallon, while the average wholesale price decreased 2.8 cents to \$2.110 per gallon.
- Sales of finished motor gasoline by refiners rose again in May. Total sales rose 4.8 million gallons per day (1.5%) to an average of 333.8 million gallons per day. Retail sales increased 600,000 gallons per day (2.5%), while wholesales climbed 4.2 million gallons per day (1.4%). DTW sales accounted for 7.0% of wholesales, while rack and bulk sales explained 87.9% and 5.1%, respectively.

#### *No. 2 distillate*

- Prices for refiner sales of No. 2 distillates moved higher in most sales categories during May. The average price for No. 2 diesel fuel sold to end users rose 1.6 cents to \$2.275 per gallon, while the average wholesale price increased 0.6 cents to \$2.106 per gallon. The average retail price for No. 2 fuel oil fell 7.2 cents to \$2.389 per gallon, while the average wholesale price increased 1.0 cent to \$2.003 per gallon.
- Monthly sales of No. 2 ultra-low sulfur diesel by refiners rose 800,000 gallons per day (0.5%) to 171.6 million gallons per day in May. Retail sales increased 100,000 gallons per day (0.9%), while wholesales rose 700,000 gallons per day (0.4%).

#### *Residual fuel oil*

- May monthly average prices for refiner sales of residual fuel oil declined from April levels. The retail price for residual fuel oil fell 2.9 cents to \$1.656 per gallon, while the wholesale price dropped 4.8 cents to \$1.529 per gallon.
- Refiner residual fuel oil sales decreased to 10.1 million gallons per day in May. Retail sales fell 300,000 per day (12.5%), while wholesales declined 1.3 million gallons per day (14.0%).

#### *Other products*

- Refiner prices for the remaining surveyed products show mixed movements in May. Prices for kerosene-type jet fuel increased at retail and wholesale, while propane prices fell in both sales categories. Prices for aviation gasoline and kerosene declined at the wholesale level, while the No. 1 distillate price rose in the same category.
- Refiner sales of propane increased at retail but fell at wholesale in May. Kerosene-type jet fuel and No. 1 distillate sales declined at both the retail and wholesale levels. Sales of aviation gasoline and kerosene increased in the wholesale category.

**Table HL1. U.S. refiner prices and volumes of petroleum products**

prices: dollars per gallon excluding taxes, volumes: million gallons per day

Products	Sales to end users						Sales for resale					
	May 2019		April 2019		May 2018		May 2019		April 2019		May 2018	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
<b>Motor gasoline</b>	2.520	24.7	2.487	24.1	2.494	24.3	2.110	309.1	2.138	304.9	2.205	318.4
<b>Conventional</b>	2.311	15.4	2.292	15.0	2.377	14.9	2.012	210.0	2.035	207.1	2.145	217.8
Regular	2.260	13.7	2.245	13.3	2.328	13.2	1.973	187.9	1.999	185.7	2.107	194.9
Midgrade	2.544	0.8	2.504	0.7	2.592	0.8	2.187	1.4	2.201	1.3	2.316	1.5
Premium	2.803	1.0	2.768	1.0	2.852	1.0	2.352	20.7	2.357	20.1	2.476	21.4
<b>Reformulated</b>	2.871	9.2	2.808	9.1	2.682	9.4	2.317	99.1	2.356	97.8	2.335	100.6
Regular	2.771	6.9	2.709	6.8	2.590	7.0	2.260	83.0	2.300	81.8	2.287	84.1
Midgrade	3.059	0.9	2.979	0.9	2.849	0.9	2.462	0.6	2.547	0.6	2.447	0.7
Premium	3.229	1.5	3.165	1.4	3.008	1.5	2.617	15.5	2.646	15.5	2.582	15.8
<b>Aviation gasoline</b>	W	W	W	W	W	W	3.021	0.5	3.100	0.4	3.181	0.5
<b>Kerosene-type jet fuel</b>	2.141	31.7	2.063	32.3	2.221	32.0	2.062	39.7	2.022	40.1	2.175	41.8
<b>Propane (consumer grade)</b>	0.599	2.8	0.686	2.3	0.916	3.0	0.595	24.8	0.660	25.1	0.867	20.9
<b>Kerosene</b>	W	W	W	W	3.219	0.0	2.057	0.8	2.073	0.5	2.205	0.8
<b>No. 1 distillate</b>	NA	0.1	2.563	0.1	W	W	2.458	0.1	2.343	0.4	2.606	0.1
<b>No. 2 distillate</b>	2.275	11.9	2.260	11.8	2.368	12.3	2.102	167.5	2.095	168.6	2.254	164.7
<b>No. 2 fuel oil</b>	2.389	0.1	2.461	0.1	2.478	0.1	2.003	6.1	1.993	7.7	2.143	5.3
<b>No. 2 diesel fuel</b>	2.275	11.9	2.259	11.7	2.368	12.2	2.106	161.4	2.100	160.9	2.258	159.3
Ultra low sulfur	2.273	11.8	2.259	11.7	2.374	11.7	2.105	159.8	2.101	159.1	2.262	155.6
Low sulfur	W	W	W	W	W	W	W	W	-	-	W	W
High sulfur	W	W	W	W	W	W	W	W	2.043	1.8	W	W
<b>No. 4 fuel[a]</b>	-	-	-	-	-	-	W	W	W	W	W	W
<b>Residential fuel oil</b>	1.656	2.1	1.685	2.4	1.667	3.2	1.529	8.0	1.577	9.3	1.500	8.4
Sulfur content not > 1%	W	W	W	W	W	W	W	W	W	W	1.462	0.4
Sulfur content > 1%	1.607	W	1.648	W	1.615	W	1.502	W	1.549	W	1.501	8.0

NA = Not available.

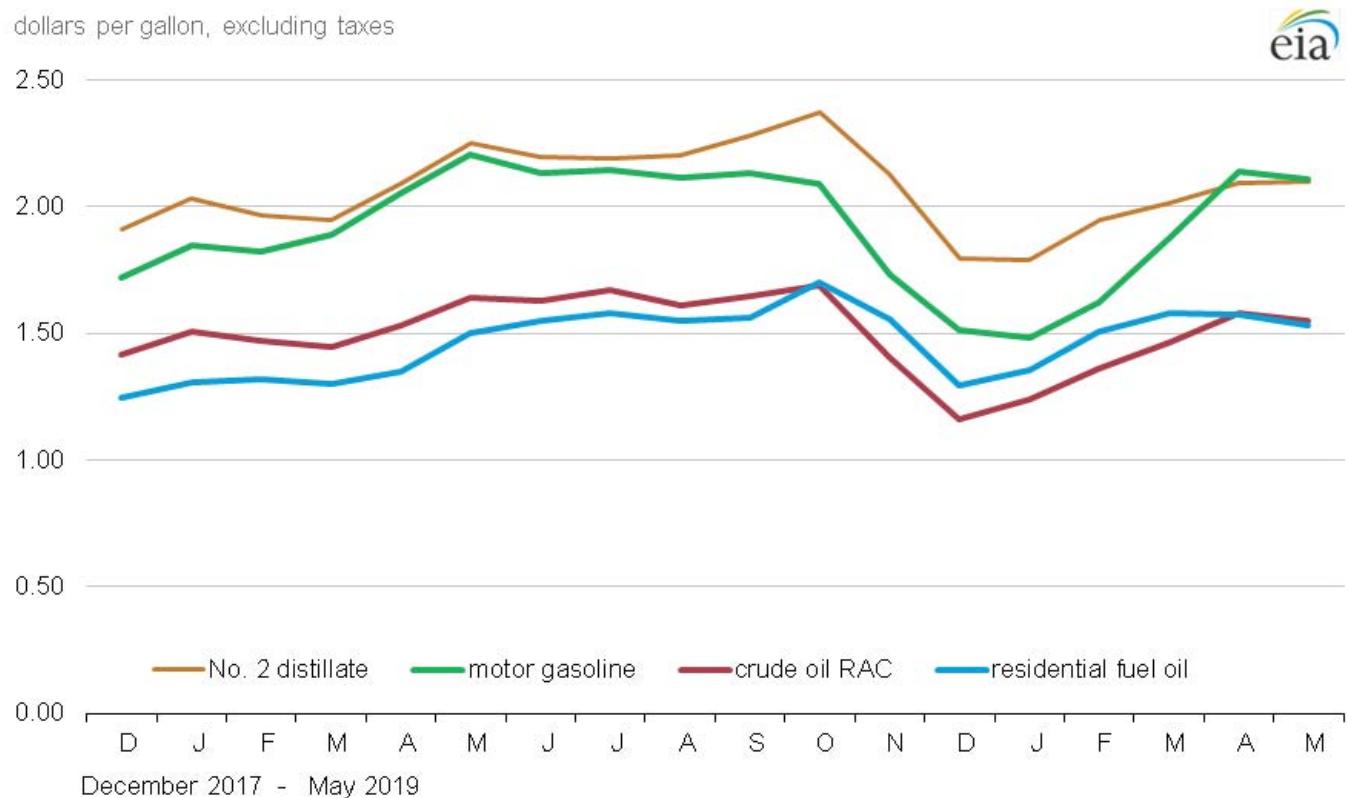
- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Total volumes may not equal the sum of the components because of rounding.

Source: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

**Figure HL1. Crude oil and petroleum product wholesale prices**

Sources: U.S. Energy Information Administration, Crude oil refiner acquisition cost: Form EIA-14, *Refiners' Monthly Cost Report*; petroleum product prices: Form EIA-782A, *Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Note: RAC stands for refiner acquisition cost.

# Summary Statistics

**Table 1. Crude oil prices**

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
<b>2017</b>						
January	48.19	44.62	47.05	51.81	48.12	49.99
February	49.41	45.91	48.08	53.15	49.38	51.24
March	46.39	44.09	46.26	50.60	46.53	48.65
April	47.23	43.60	46.00	51.34	47.47	49.47
May	45.19	43.92	46.15	49.58	47.21	48.47
June	42.17	41.34	43.85	46.26	44.03	45.25
July	43.42	42.09	44.82	47.59	44.76	46.27
August	44.96	44.18	46.93	48.76	47.62	48.22
September	47.17	46.50	49.80	51.07	50.46	50.78
October	49.12	47.22	51.11	53.71	51.40	52.67
November	55.19	52.11	56.10	58.92	56.30	57.75
December	56.98	53.68	56.96	61.10	57.44	59.53
<b>2017 average</b>	48.05	45.58	48.50	52.05	49.12	50.68
<b>2018</b>						
January	62.25	55.73	58.25	66.08	59.71	63.25
February	61.18	53.42	56.76	64.68	58.03	61.74
March	60.68	53.35	56.32	64.03	56.82	60.81
April	63.50	58.56	60.62	67.14	61.24	64.41
May	66.16	62.95	65.15	71.29	65.89	68.91
June	62.80	63.09	65.48	69.63	66.82	68.35
July	67.00	62.35	65.44	73.33	66.62	70.29
August	62.64	61.41	64.16	69.45	65.48	67.68
September	63.54	61.56	63.69	71.09	66.70	69.29
October	65.18	60.23	61.78	73.07	67.79	70.99
November	55.65	44.66	47.16	62.47	54.40	59.01
December	47.63	36.91	39.14	53.25	42.80	48.83
<b>2018 average</b>	61.40	56.31	58.89	67.05	60.95	64.38
<b>2019</b>						
January	47.85	48.72	49.25	53.86	49.57	52.11
February	52.51	54.14	56.12	57.89	56.50	57.35
March	57.47	R57.54	R59.48	61.97	61.14	61.64
April	63.01	61.19	R63.49	67.24	65.42	66.52
May	59.68	61.56	63.88	R64.94	R65.39	R65.12
June[c]	NA	NA	NA	E59.75	E60.12	E59.92

NA = Not available.

E = Estimated data.

R = Revised data.

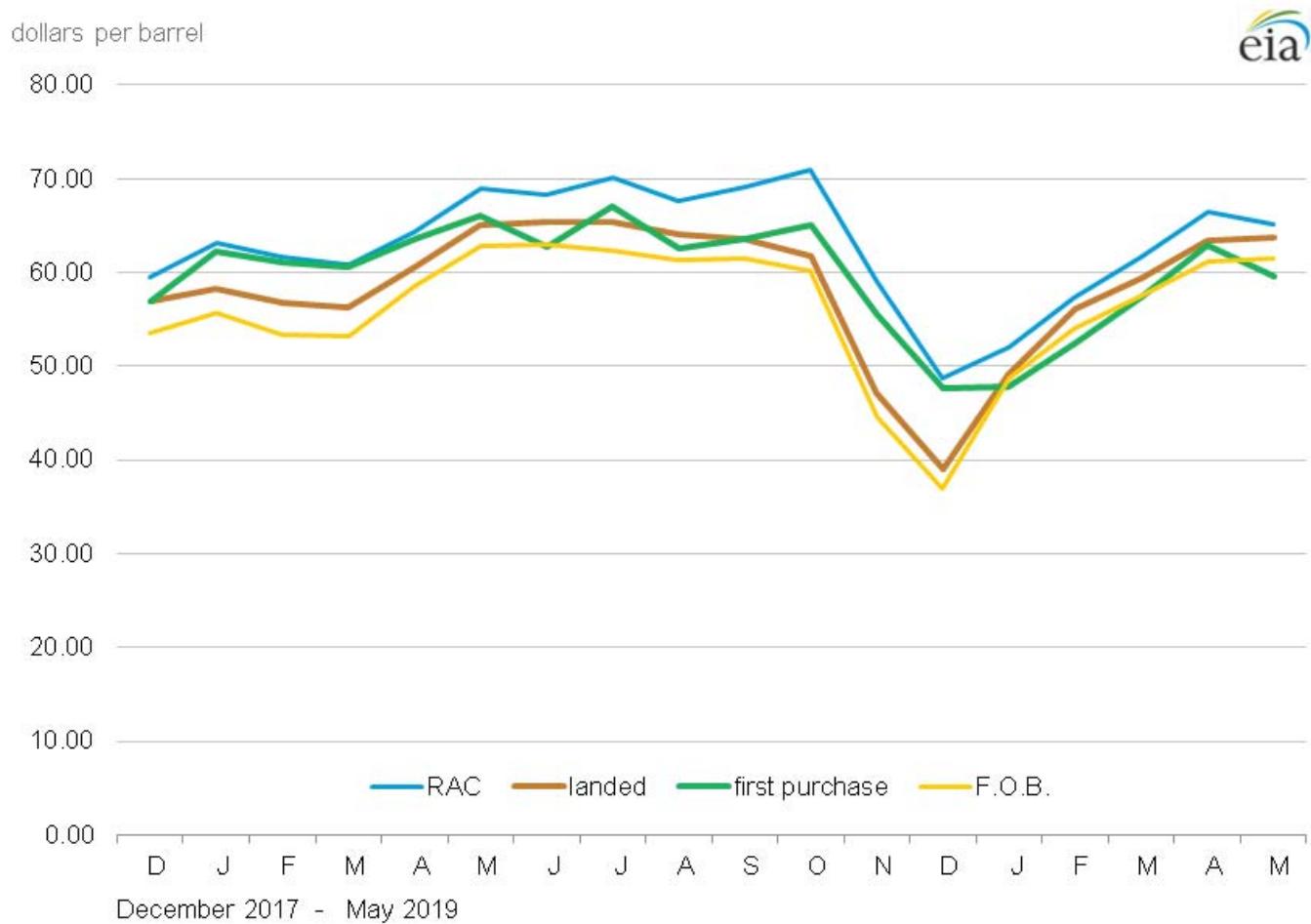
[a] Free on Board. See Glossary.

[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices, and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: Domestic first purchase prices -- See source from Table 18. Crude oil imports costs -- See Sources from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, *Refiners' Monthly Cost Report*.

**Figure 1. Crude oil prices**

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*; Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*; and Form EIA-14, *Refiners' Monthly Cost Report*. Note: RAC stands for refiner acquisition cost.

**Table 1A. Refiner acquisition cost of crude oil by PAD Districts**  
dollars per barrel

Year month	United States			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
<b>2004</b>	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
<b>2005</b>	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
<b>2006</b>	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
<b>2007</b>	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
<b>2008</b>	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
<b>2009</b>	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
<b>2010</b>	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
<b>2011</b>	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
<b>2012</b>	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
<b>2013</b>	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
<b>2014</b>	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
<b>2015</b>	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
<b>2016</b>	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
<b>2017</b>									
January	51.81	48.12	49.99	55.35	52.87	53.34	52.83	44.53	48.26
February	53.15	49.38	51.24	55.90	52.80	53.29	53.56	46.04	49.59
March	50.60	46.53	48.65	55.85	51.98	52.62	50.84	42.91	46.64
April	51.34	47.47	49.47	54.99	51.26	51.64	51.93	44.10	48.06
May	49.58	47.21	48.47	54.64	50.66	51.17	49.72	44.65	47.27
June	46.26	44.03	45.25	52.47	47.87	48.38	46.39	41.59	44.14
July	47.59	44.76	46.27	54.32	48.41	48.92	47.81	42.13	44.99
August	48.76	47.62	48.22	56.03	50.70	51.02	49.34	44.57	46.95
September	51.07	50.46	50.78	56.14	54.06	54.24	51.08	45.39	48.22
October	53.71	51.40	52.67	58.25	55.31	55.55	53.16	45.71	49.59
November	58.92	56.30	57.75	62.13	60.85	61.00	58.26	50.75	54.69
December	61.10	57.44	59.53	64.57	63.94	64.04	59.64	50.87	55.54
<b>2017</b>	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
<b>2018</b>									
January	66.08	59.71	63.25	66.24	65.97	66.01	65.21	51.67	58.61
February	64.68	58.03	61.74	66.09	64.96	65.16	63.69	48.42	56.43
March	64.03	56.82	60.81	66.71	65.31	65.63	64.24	47.11	56.27
April	67.14	61.24	64.41	69.95	70.27	70.21	67.21	50.98	59.12
May	71.29	65.89	68.91	71.37	72.17	72.00	71.04	58.27	64.64
June	69.63	66.82	68.35	71.35	72.91	72.62	68.42	59.23	64.08
July	73.33	66.62	70.29	72.72	71.71	71.90	73.40	60.98	67.41
August	69.45	65.48	67.68	72.07	72.03	72.04	69.20	58.09	64.13
September	71.09	66.70	69.29	73.74	75.40	74.83	70.14	54.36	63.22
October	73.07	67.79	70.99	75.33	75.36	75.35	71.74	52.76	63.58
November	62.47	54.40	59.01	69.43	69.13	69.18	57.01	38.34	47.16
December	53.25	42.80	48.83	60.15	61.46	61.18	47.52	19.78	33.41
<b>2018</b>	67.05	60.95	64.38	69.71	69.63	69.64	65.69	49.35	57.85
<b>2019</b>									
January	53.86	49.57	52.11	59.24	59.65	59.58	50.20	38.63	44.40
February	57.89	56.50	57.35	62.66	65.08	64.48	54.36	49.88	52.16
March	61.97	61.14	61.64	66.20	69.27	68.49	60.10	54.19	56.89
April	67.24	65.42	66.52	70.56	69.84	70.01	65.83	59.64	62.84
May	R64.94	R65.39	R65.12	67.79	70.98	70.25	61.62	59.19	60.39

See footnotes at end of table.

**Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)**  
dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
<b>2017</b>									
January	51.15	48.10	49.85	50.68	41.66	46.38	52.87	52.35	52.61
February	52.72	49.73	51.37	52.61	42.82	47.68	53.93	52.71	53.31
March	50.32	46.58	48.77	49.06	40.36	44.87	51.24	50.43	50.83
April	50.98	47.37	49.51	49.19	40.95	45.53	52.31	50.78	51.48
May	49.39	46.88	48.41	48.03	42.03	45.68	50.25	49.78	49.98
June	46.02	43.62	45.11	44.97	40.31	43.17	46.91	46.53	46.72
July	47.24	43.93	45.96	46.30	42.36	44.55	48.78	48.53	48.64
August	48.11	47.46	47.87	48.76	42.63	46.02	50.27	50.44	50.37
September	50.53	51.49	50.87	50.47	43.58	47.34	53.23	53.92	53.62
October	53.35	52.03	52.87	51.66	44.11	48.56	56.57	56.09	56.32
November	58.69	56.47	57.89	56.98	49.24	53.78	61.56	61.45	61.50
December	61.28	58.19	60.23	57.78	48.21	53.79	63.05	62.02	62.54
<b>2017</b>	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
<b>2018</b>									
January	65.99	61.79	64.45	63.61	47.53	56.04	68.59	66.20	67.46
February	64.83	60.66	63.32	60.99	43.15	53.36	66.70	64.52	65.59
March	63.43	58.65	61.64	61.80	42.31	53.23	66.74	64.38	65.42
April	66.59	63.43	65.39	64.52	45.53	56.14	69.83	67.99	68.89
May	70.66	67.10	69.43	68.37	54.97	63.01	75.61	73.53	74.52
June	69.28	67.69	68.68	65.51	56.58	61.50	74.61	73.54	74.02
July	73.45	67.85	71.35	68.41	57.79	63.60	74.24	70.45	72.15
August	68.89	65.76	67.77	66.53	56.09	61.96	73.81	72.11	72.81
September	70.43	70.22	70.36	69.26	47.21	59.67	76.05	74.91	75.47
October	72.85	72.38	72.71	67.91	52.13	59.81	77.82	76.85	77.31
November	63.26	60.90	62.54	52.37	34.08	42.36	69.68	66.88	68.31
December	54.32	51.89	53.60	44.09	22.24	33.15	58.83	56.42	57.58
<b>2018</b>	66.94	64.10	65.95	62.87	45.87	55.01	70.82	68.91	69.81
<b>2019</b>									
January	54.23	52.79	53.85	48.67	37.65	43.36	59.23	58.48	58.84
February	58.05	58.13	58.07	53.64	49.23	51.74	64.13	62.21	63.17
March	61.62	62.29	61.79	56.86	53.58	55.48	67.19	67.86	67.52
April	67.32	66.85	67.19	59.92	58.45	59.24	71.38	71.52	71.45
May	65.34	66.75	65.75	59.64	58.17	58.93	69.40	70.73	70.08

R = Revised data.

Notes: United States is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-14, *Refiners' Monthly Cost Report, January 2004 to present*.

**Table 2. U.S. refiner prices of petroleum products to end users**  
dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352	
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392	
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455	
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423	
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305	
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374	
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602	
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531	
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569	
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698	
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739	
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048	
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218	
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374	
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964	
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341	
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713	
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401	
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592	
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482	
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325	
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285	
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945	
<b>2017</b>												
January	1.900	W	1.584	0.774	W	2.138	1.747	NA	1.750	W	1.309	
February	1.862	W	1.615	0.814	W	2.190	1.755	2.033	1.757	W	1.291	
March	1.904	W	1.554	0.657	W	2.142	1.699	1.909	1.701	W	1.239	
April	1.997	W	1.595	0.652	W	W	1.747	2.081	1.748	W	1.201	
May	1.963	W	1.492	0.650	2.637	W	1.693	NA	1.694	W	1.213	
June	1.906	W	1.434	0.611	2.600	2.018	1.618	1.739	1.618	W	1.195	
July	1.871	W	1.478	0.667	2.621	W	1.665	1.728	1.665	-	1.211	
August	1.952	W	1.613	0.768	2.579	W	1.792	1.904	1.793	W	1.204	
September	2.154	W	1.795	0.895	2.703	2.382	1.959	2.044	1.959	W	1.314	
October	2.042	W	1.743	0.972	W	2.452	1.982	2.048	1.983	-	1.304	
November	2.122	W	1.831	1.011	W	2.466	2.047	2.134	2.048	-	1.413	
December	2.034	W	1.869	1.028	W	2.423	2.037	2.263	2.039	-	1.484	
<b>2017</b>	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287	
<b>2018</b>												
January	2.108	W	2.012	0.971	W	2.506	2.144	2.206	2.145	-	1.507	
February	2.127	W	1.970	0.948	W	2.510	2.107	2.365	2.110	-	1.490	
March	2.160	W	1.924	0.842	W	2.566	2.076	2.484	2.078	-	1.452	
April	2.315	W	2.080	0.839	W	W	2.201	2.486	2.202	-	1.504	
May	2.494	W	2.221	0.916	3.219	W	2.368	2.478	2.368	-	1.667	
June	2.469	W	2.196	0.883	3.292	W	2.340	2.413	2.341	-	1.731	
July	2.442	W	2.176	0.956	W	W	2.316	2.436	2.316	-	1.767	
August	2.421	W	2.183	0.989	3.272	W	2.327	2.499	2.327	-	1.764	
September	2.428	W	2.257	1.062	3.189	W	2.388	2.612	2.388	-	1.761	
October	2.441	W	2.349	0.988	W	2.850	2.500	2.696	2.501	-	1.875	
November	2.205	W	2.162	0.876	W	2.719	2.282	2.431	2.284	-	1.827	
December	1.973	W	1.852	0.794	W	2.397	1.981	2.222	1.983	-	1.608	
<b>2018</b>	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-	1.662	
<b>2019</b>												
January	1.854	W	1.827	0.756	W	2.323	1.960	2.195	1.962	-	1.425	
February	1.949	W	1.956	0.784	W	2.401	2.080	2.367	2.082	-	1.568	
March	2.137	W	2.005	0.761	W	2.503	2.158	2.376	2.159	-	1.639	
April	2.487	W	2.063	0.686	W	2.563	R2.259	2.461	R2.260	-	1.685	
May	2.520	W	2.141	0.599	W	NA	2.275	2.389	2.275	-	1.656	

NA = Not available.

- = No data reported.

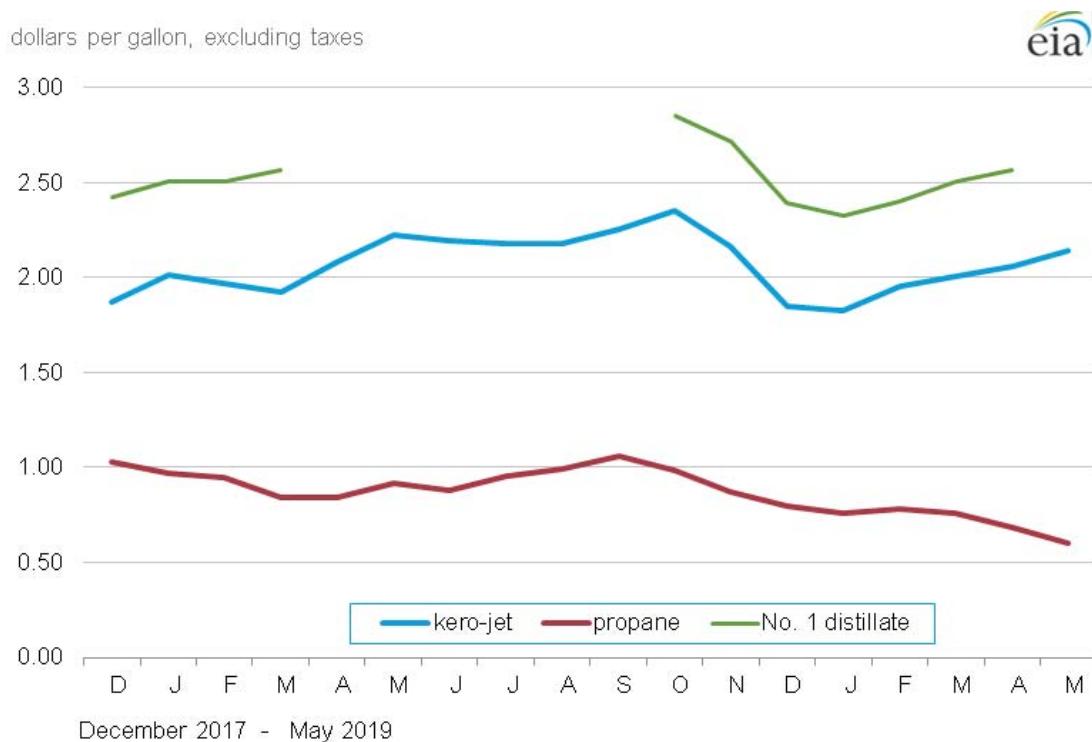
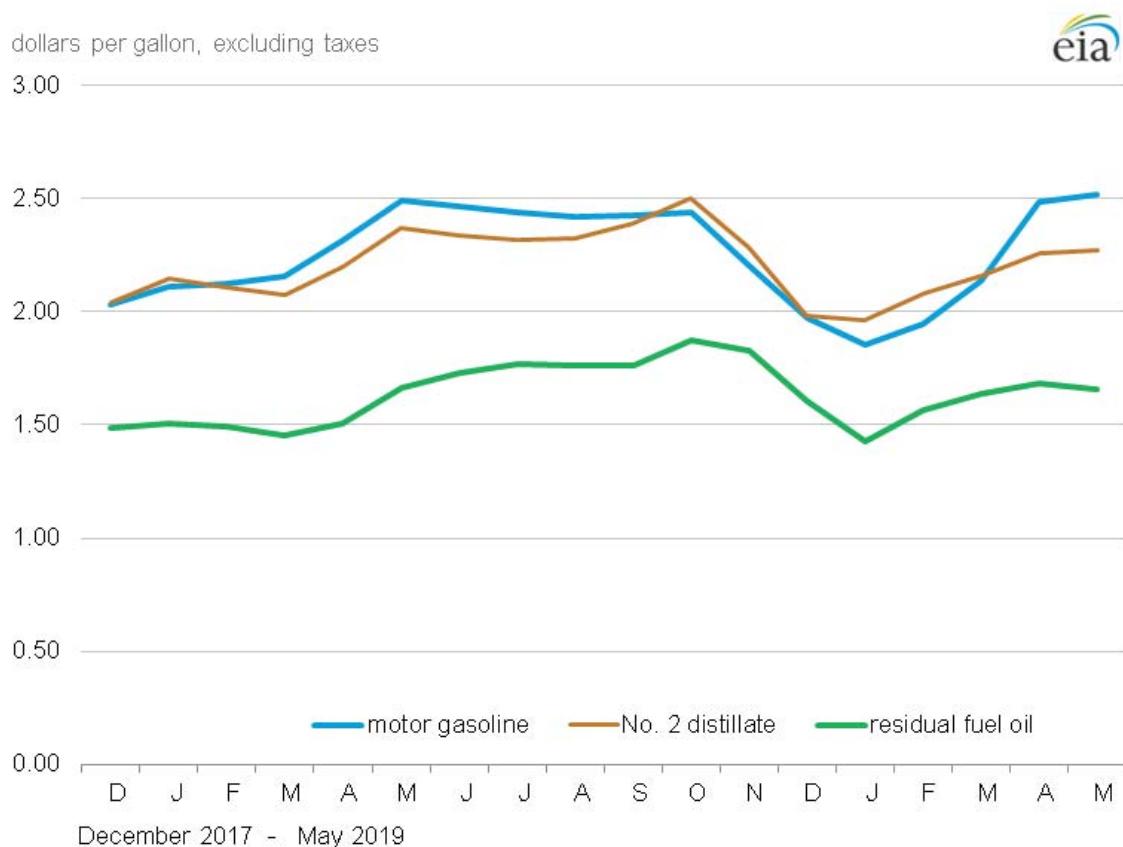
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Figure 2. U.S. refiner retail petroleum product prices**

Sources: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report*.

**Table 3. U.S. refiner volumes of petroleum products to end users**  
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average	
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W
<b>2017</b>										
January	22.9	W	28.7	5.7	W	0.1	12.2	NA	12.4	W
February	23.8	W	30.6	6.4	W	0.1	12.0	0.1	12.1	W
March	24.5	W	33.1	5.1	W	0.1	12.8	0.1	12.9	W
April	24.3	W	30.9	5.8	W	W	12.0	0.1	12.0	W
May	24.9	W	31.6	6.7	0.0	W	12.4	NA	12.5	W
June	25.7	W	33.2	5.0	0.0	0.0	12.3	0.0	12.3	W
July	24.8	W	32.7	5.0	0.0	W	12.0	0.1	12.1	-
August	25.2	W	32.1	5.8	0.0	W	12.7	0.1	12.8	W
September	24.6	W	30.4	4.9	0.0	0.1	12.4	0.1	12.4	W
October	24.9	W	29.5	3.9	W	0.1	12.3	0.1	12.4	-
November	24.3	W	30.4	4.4	W	0.1	12.7	0.2	12.9	-
December	24.1	W	28.8	3.1	W	0.1	11.4	0.1	11.5	-
<b>2018</b>										
January	22.5	W	29.1	3.5	W	0.1	11.7	0.3	12.0	-
February	23.4	W	27.8	3.2	W	0.1	11.8	0.1	12.0	-
March	24.1	W	31.7	3.4	W	0.1	12.7	0.1	12.8	-
April	23.8	W	29.9	4.3	W	W	13.0	0.0	13.0	-
May	24.3	W	32.0	3.0	0.0	W	12.2	0.1	12.3	-
June	25.1	W	31.3	3.3	0.0	W	11.5	0.1	11.6	-
July	24.6	W	33.2	3.1	W	W	12.4	0.1	12.4	-
August	25.4	W	33.3	4.4	0.0	W	13.4	0.0	13.4	-
September	24.4	W	32.2	3.7	0.0	W	13.3	0.0	13.3	-
October	24.7	W	32.1	4.2	W	0.1	13.3	0.1	13.4	-
November	24.6	W	30.9	3.7	W	0.1	13.1	0.2	13.3	-
December	24.2	W	32.2	2.9	W	0.1	12.5	0.1	12.6	-
<b>2018</b>	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-
<b>2019</b>										
January	23.2	W	29.3	3.5	W	0.1	12.5	0.1	12.6	-
February	23.6	W	28.9	3.2	W	0.1	12.4	0.1	12.5	-
March	24.3	W	30.5	2.3	W	0.1	11.8	0.1	11.8	-
April	24.1	W	R32.3	2.3	W	0.1	11.7	0.1	11.8	-
May	24.7	W	31.7	2.8	W	0.1	11.9	0.1	11.9	-

NA = Not available.

- = No data reported.

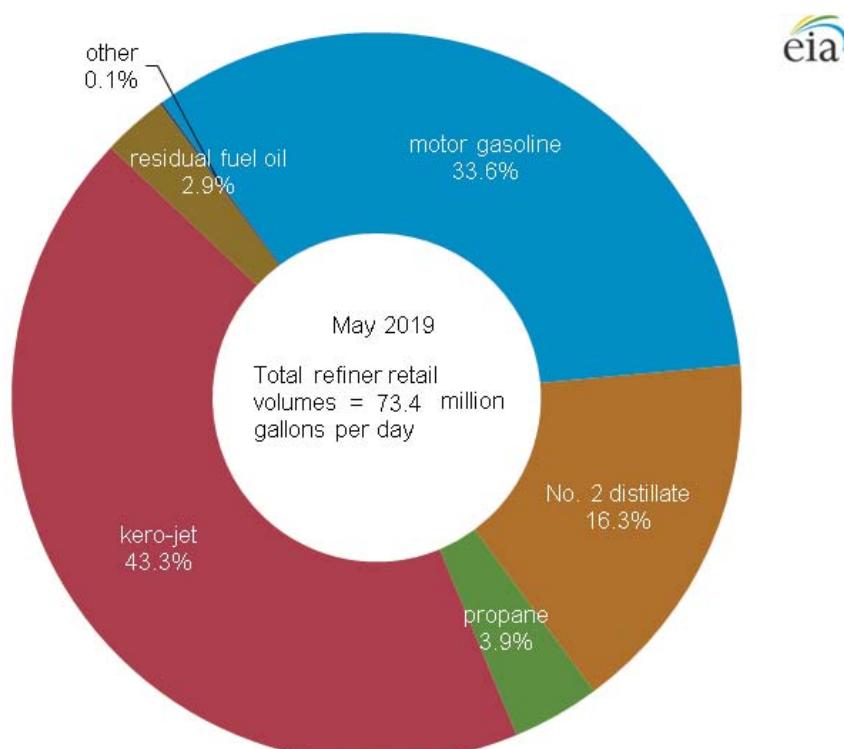
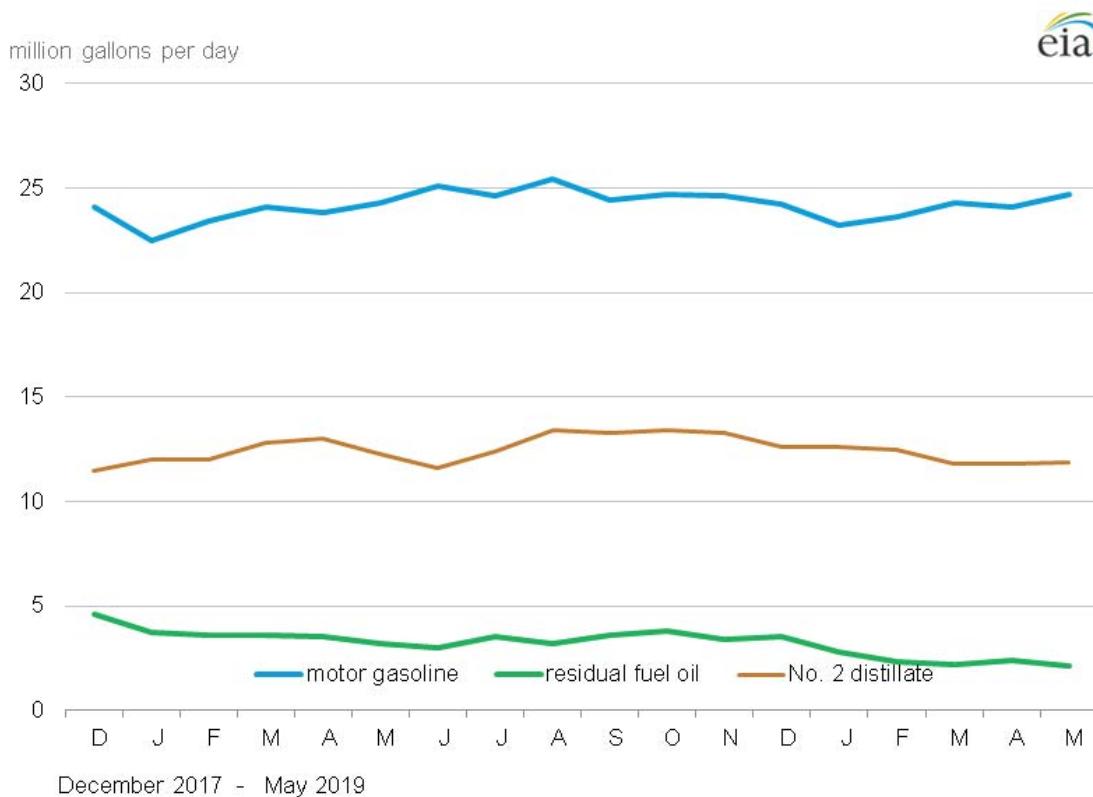
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Figure 3. U.S. refiner retail petroleum product volumes**

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

**Table 4. U.S. refiner prices of petroleum products for resale**  
dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317	
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363	
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420	
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387	
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280	
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354	
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566	
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476	
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530	
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661	
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681	
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971	
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136	
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350	
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866	
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342	
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697	
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336	
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457	
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278	
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044	
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996	
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745	
2017												
January	1.627	2.614	1.561	0.788	1.761	1.964	1.636	1.560	1.629	W	1.119	
February	1.625	2.592	1.592	0.792	1.657	1.882	1.641	1.553	1.634	W	1.121	
March	1.634	2.618	1.520	0.671	1.580	1.854	1.581	1.495	1.575	W	1.077	
April	1.723	2.724	1.545	0.641	1.572	1.953	1.627	1.499	1.620	W	1.039	
May	1.668	2.620	1.459	0.631	1.481	1.920	1.552	1.447	1.548	W	1.043	
June	1.574	2.552	1.378	0.585	1.360	1.823	1.465	1.375	1.461	W	0.991	
July	1.621	2.608	1.436	0.634	1.468	1.869	1.533	1.392	1.529	W	1.039	
August	1.711	2.710	1.587	0.742	1.630	1.997	1.681	1.522	1.675	W	1.079	
September	1.826	2.893	1.771	0.864	1.809	2.207	1.847	1.668	1.841	W	1.138	
October	1.730	2.716	1.704	0.942	1.805	2.206	1.852	1.695	1.846	W	1.176	
November	1.806	2.841	1.795	0.997	1.961	2.284	1.936	1.781	1.926	W	1.279	
December	1.720	2.691	1.846	0.991	2.034	2.256	1.918	1.841	1.911	W	1.249	
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116	
2018												
January	1.849	2.900	1.969	0.990	2.209	2.430	2.042	1.990	2.036	W	1.310	
February	1.823	2.893	1.911	0.889	2.088	2.295	1.972	1.889	1.966	W	1.319	
March	1.889	2.904	1.893	0.827	1.969	2.209	1.952	1.848	1.946	W	1.302	
April	2.054	3.085	2.032	0.792	2.075	2.414	2.099	1.982	2.093	W	1.348	
May	2.205	3.181	2.175	0.867	2.205	2.606	2.258	2.143	2.254	W	1.500	
June	2.135	3.138	2.152	0.807	2.145	2.544	2.203	2.089	2.200	W	1.553	
July	2.148	3.111	2.140	0.854	2.133	2.489	2.192	2.079	2.189	W	1.581	
August	2.118	3.085	2.148	0.907	2.169	2.485	2.203	2.114	2.201	W	1.549	
September	2.136	3.124	2.214	0.951	2.246	2.560	2.282	2.214	2.280	W	1.560	
October	2.090	3.099	2.296	0.948	2.437	2.665	2.379	2.281	2.373	W	1.700	
November	1.732	2.762	2.100	0.826	2.206	2.449	2.130	2.098	2.128	W	1.556	
December	1.514	2.463	1.811	0.798	1.954	2.175	1.794	1.796	1.794	W	1.293	
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W	1.463	
2019												
January	1.483	2.394	1.822	0.775	2.021	2.127	1.789	1.813	1.791	W	1.357	
February	1.624	2.527	1.925	0.772	2.111	2.246	1.950	1.907	1.946	W	1.508	
March	1.881	2.874	1.960	0.754	2.087	2.389	2.020	1.958	2.015	W	1.581	
April	2.138	R3.100	2.022	0.660	2.073	2.343	R2.100	R1.993	R2.095	W	1.577	
May	2.110	3.021	2.062	0.595	2.057	2.458	2.106	2.003	2.102	W	1.529	

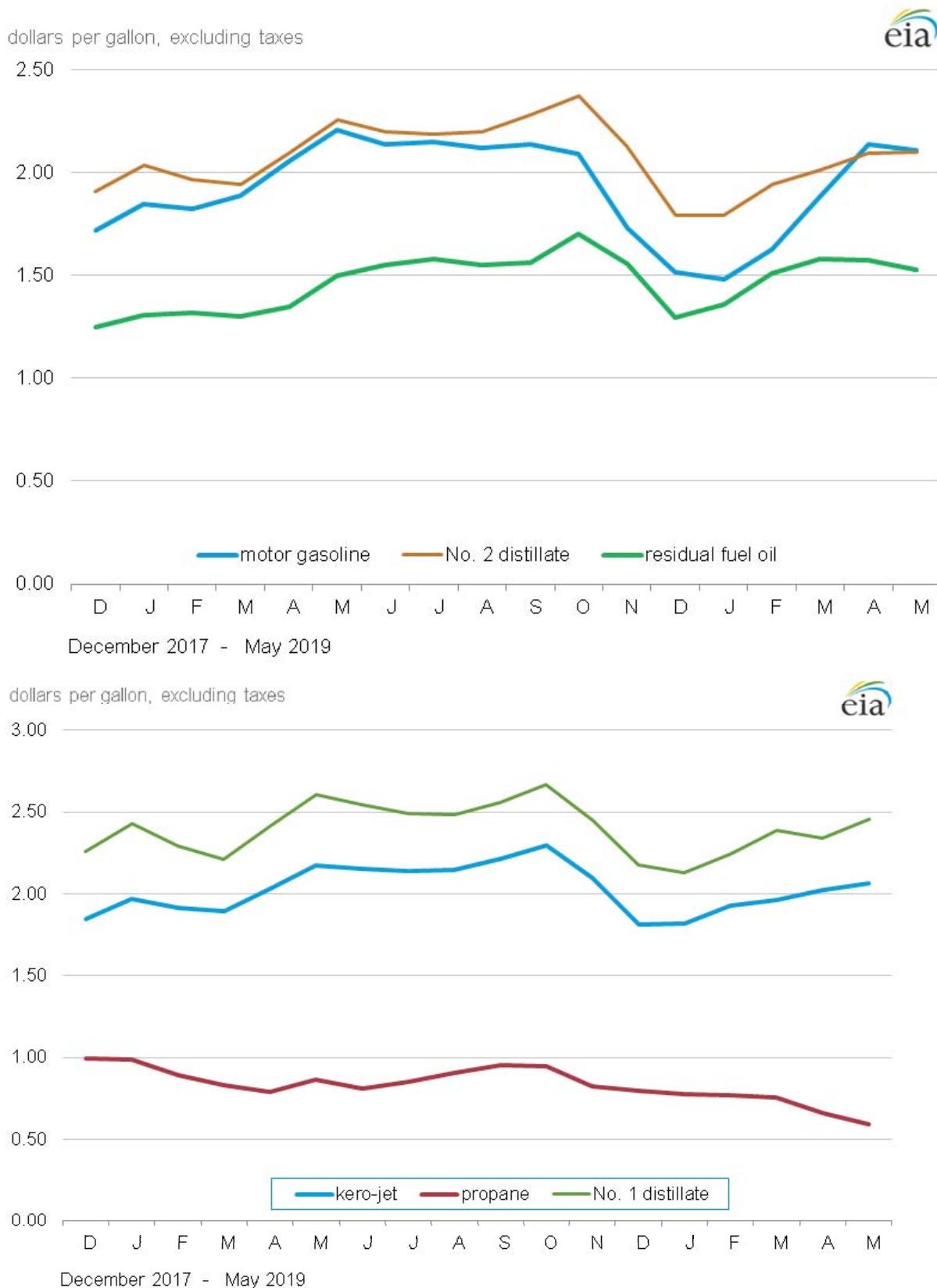
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R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Figure 4. U.S. refiner wholesale petroleum product prices**

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

**Table 5. U.S. refiner volumes of petroleum sales for resale**  
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8	
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6	
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8	
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5	
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4	
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5	
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5	
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3	
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8	
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7	
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9	
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7	
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5	
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2	
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5	
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8	
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7	
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2	
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8	
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0	
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0	
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1	
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4	
2017												
January	277.9	0.3	30.2	38.5	1.4	2.5	129.6	13.7	143.4	W	6.6	
February	289.7	0.4	32.8	37.3	1.3	1.8	134.3	11.3	145.6	W	6.2	
March	297.2	0.4	31.8	28.0	0.7	0.9	138.0	9.6	147.5	W	5.9	
April	302.9	0.4	40.2	23.3	0.7	0.2	139.3	8.0	147.3	W	6.2	
May	306.0	0.4	40.2	20.0	0.8	0.1	152.1	5.5	157.6	W	5.9	
June	309.7	0.6	40.2	21.5	0.6	0.1	156.7	6.8	163.5	W	8.2	
July	304.0	0.5	39.7	20.0	0.7	0.1	146.1	4.2	150.3	W	6.3	
August	314.9	0.5	40.2	24.7	0.7	0.2	151.2	5.4	156.6	W	8.4	
September	302.5	0.5	39.6	27.2	0.8	0.3	150.2	5.5	155.6	W	7.8	
October	305.9	0.5	39.4	30.4	1.0	1.0	159.1	6.9	166.0	W	8.4	
November	304.8	0.4	38.5	36.7	1.3	2.3	153.5	10.7	164.2	W	7.2	
December	302.2	0.5	43.6	39.7	1.6	2.8	147.1	14.5	161.6	W	8.1	
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1	
2018												
January	283.1	0.3	41.1	46.8	2.3	3.2	145.8	17.5	163.4	W	8.9	
February	296.0	0.3	41.4	39.3	1.5	2.5	144.5	12.6	157.1	W	7.7	
March	306.3	0.4	38.3	31.4	1.0	1.1	148.8	9.5	158.3	W	7.4	
April	306.9	0.5	40.0	24.4	0.8	0.4	156.2	9.0	165.3	W	7.0	
May	318.4	0.5	41.8	20.9	0.8	0.1	159.3	5.3	164.7	W	8.4	
June	319.5	0.5	44.1	18.9	0.9	0.1	160.4	4.2	164.7	W	8.1	
July	312.1	0.6	42.7	19.3	0.8	0.1	154.1	3.8	158.0	W	7.3	
August	314.5	0.5	43.3	21.9	1.2	0.2	159.4	3.3	162.7	W	7.6	
September	305.4	0.4	40.2	20.8	1.8	0.4	156.3	4.7	161.0	W	7.8	
October	306.2	0.5	37.9	28.5	1.0	1.2	161.2	9.7	170.9	W	7.3	
November	301.8	0.3	38.1	33.6	1.4	2.7	155.3	12.9	168.1	W	6.7	
December	293.9	0.4	37.2	36.1	1.4	2.4	152.3	17.1	169.5	W	7.3	
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6	
2019												
January	287.2	0.4	36.9	41.1	1.8	3.3	150.5	15.7	166.1	W	7.9	
February	291.6	0.3	38.2	40.7	1.3	3.8	148.2	14.5	162.7	W	7.6	
March	298.1	0.4	40.2	31.7	1.0	1.5	154.8	11.6	166.4	W	6.9	
April	R304.9	0.4	40.1	25.1	0.5	0.4	R160.9	R7.7	R168.6	W	9.3	
May	309.1	0.5	39.7	24.8	0.8	0.1	161.4	6.1	167.5	W	8.0	

NA = Not available.

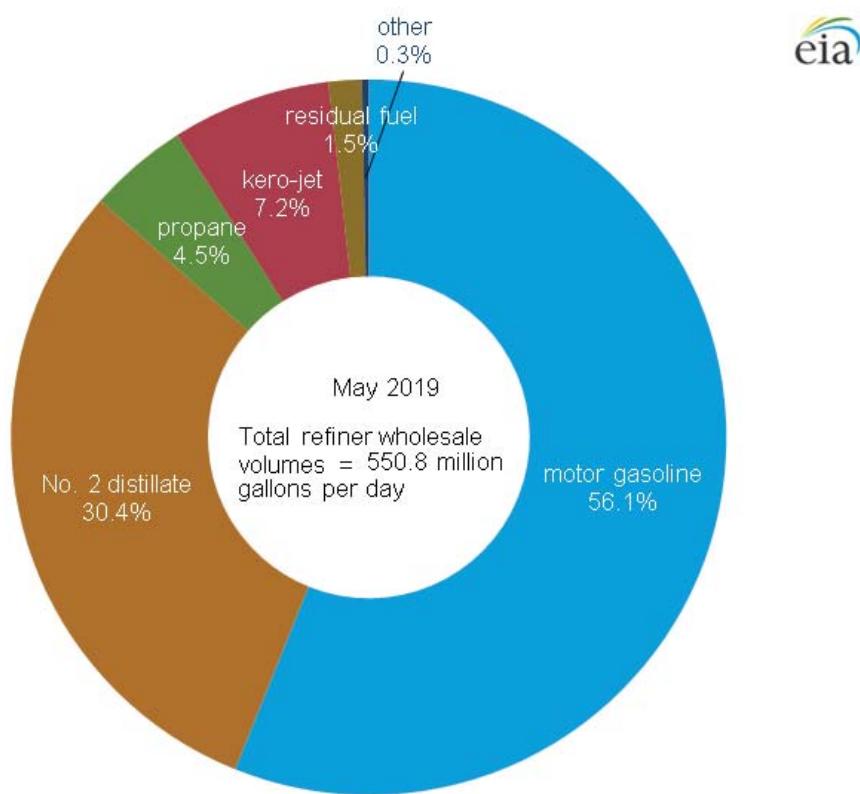
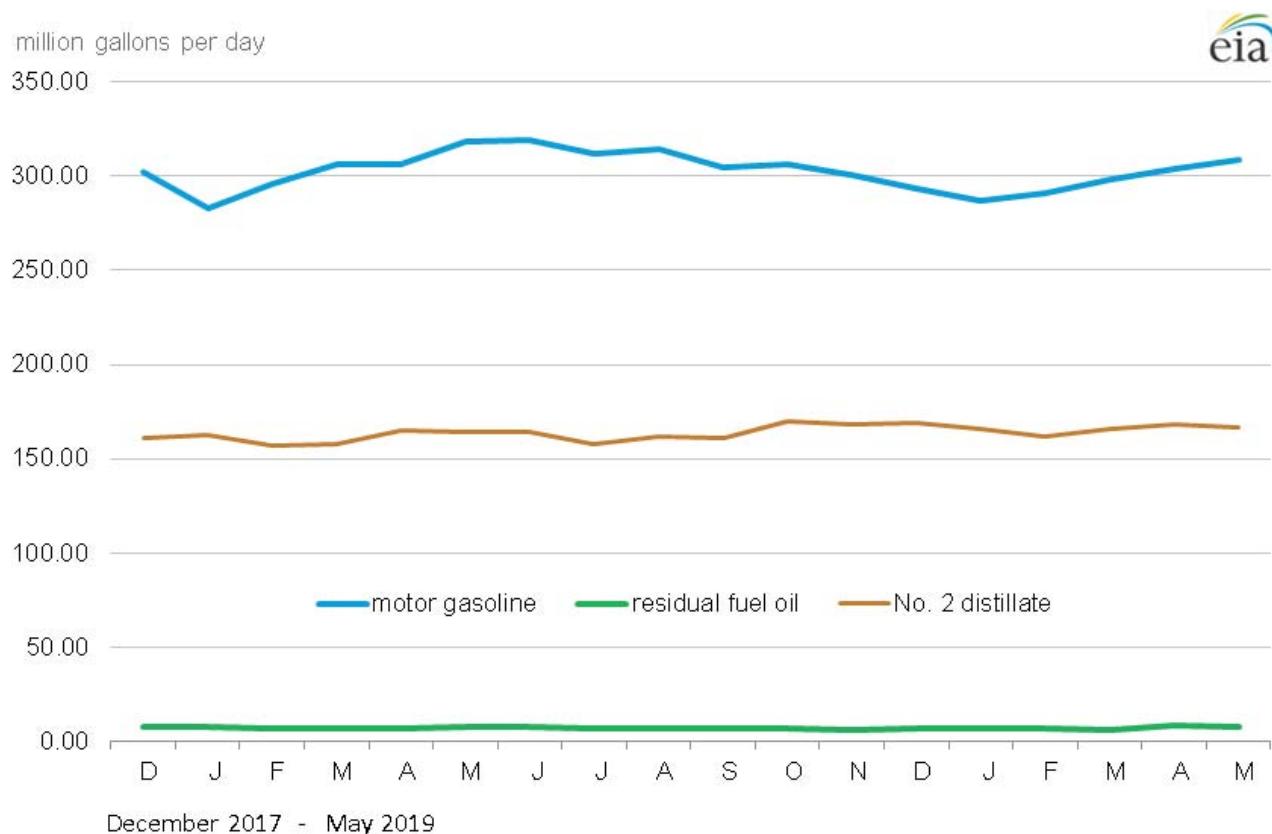
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[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Figure 5. U.S. refiner wholesale petroleum product volumes**

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

**Table 6. U.S. refiner motor gasoline prices by grade and sales type**  
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
<b>2017</b>												
January	1.831	1.830	1.822	1.571	1.583	1.588	2.112	2.111	1.950	1.730	-	1.757
February	1.785	1.785	1.897	1.560	1.567	1.583	2.103	2.101	2.056	1.729	-	1.769
March	1.826	1.826	1.964	1.562	1.563	1.590	2.146	2.144	2.105	1.735	-	1.780
April	1.925	1.924	2.002	1.660	1.616	1.680	2.210	2.206	2.148	1.831	-	1.868
May	1.886	1.885	2.005	1.596	1.557	1.620	2.194	2.192	2.143	1.774	-	1.815
June	1.829	1.828	1.920	1.500	1.506	1.528	2.143	2.142	2.033	1.677	-	1.715
July	1.795	1.794	1.869	1.557	1.518	1.576	2.090	2.089	2.009	1.727	-	1.757
August	1.879	1.877	1.962	1.648	1.608	1.666	2.175	2.173	2.105	1.822	-	1.852
September	2.082	2.080	2.094	1.763	1.707	1.781	2.386	2.382	2.200	1.948	-	1.977
October	1.970	1.968	1.979	1.670	1.660	1.689	2.270	2.268	2.112	1.835	-	1.868
November	2.054	2.052	2.037	1.748	1.761	1.767	2.345	2.342	2.170	1.905	-	1.935
December	1.964	1.963	1.931	1.662	1.710	1.683	2.258	2.256	2.067	1.813	-	1.844
<b>2017</b>	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
<b>2018</b>												
January	2.039	2.037	2.066	1.791	1.803	1.810	2.330	2.328	2.227	1.953	-	1.986
February	2.049	2.047	2.153	1.750	1.838	1.782	2.389	2.386	2.302	1.924	-	1.970
March	2.080	2.078	2.248	1.820	1.805	1.846	2.419	2.417	2.415	1.997	-	2.047
April	2.241	2.239	2.411	1.985	1.945	2.010	2.556	2.554	2.560	2.167	-	2.214
May	2.422	2.419	2.549	2.140	2.090	2.162	2.736	2.733	2.680	2.319	-	2.358
June	2.395	2.392	2.502	2.065	2.063	2.092	2.723	2.721	2.612	2.253	-	2.291
July	2.369	2.367	2.446	2.084	2.053	2.105	2.679	2.677	2.580	2.271	-	2.305
August	2.348	2.345	2.402	2.053	2.046	2.075	2.662	2.661	2.546	2.237	-	2.270
September	2.352	2.349	2.479	2.069	2.046	2.093	2.679	2.678	2.631	2.254	-	2.296
October	2.361	2.357	2.592	2.005	2.060	2.046	2.725	2.723	2.725	2.202	-	2.261
November	2.117	2.113	2.320	1.643	1.679	1.688	2.534	2.532	2.435	1.833	-	1.899
December	1.881	1.878	2.087	1.425	1.459	1.469	2.300	2.299	2.225	1.611	-	1.681
<b>2018</b>	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
<b>2019</b>												
January	1.766	1.762	1.984	1.405	1.407	1.441	2.158	2.157	2.138	1.584	-	1.644
February	1.869	1.865	2.034	1.555	1.499	1.582	2.214	2.213	2.230	1.728	-	1.783
March	2.059	2.056	2.212	1.820	1.729	1.839	2.392	2.391	2.381	1.993	-	2.034
April	2.405	2.402	2.685	2.052	2.026	2.091	2.769	2.767	2.835	2.246	-	2.306
May	2.438	2.432	2.711	2.020	1.983	2.061	2.825	2.822	2.840	2.211	-	2.268

See footnotes at end of table.

**Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)**  
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
<b>2017</b>												
January	2.323	2.320	2.065	1.908	1.761	1.922	1.902	1.900	1.876	1.607	1.601	1.627
February	2.322	2.318	2.162	1.908	1.793	1.940	1.863	1.862	1.956	1.598	1.584	1.625
March	2.365	2.362	2.213	1.921	1.756	1.953	1.905	1.904	2.019	1.602	1.589	1.634
April	2.423	2.421	2.249	2.015	1.821	2.036	1.998	1.997	2.058	1.701	1.636	1.723
May	2.411	2.408	2.257	1.963	1.777	1.994	1.964	1.963	2.062	1.639	1.578	1.668
June	2.361	2.358	2.149	1.860	1.730	1.892	1.908	1.906	1.971	1.543	1.533	1.574
July	2.304	2.300	2.116	1.912	1.757	1.934	1.872	1.871	1.925	1.599	1.544	1.621
August	2.387	2.382	2.216	2.008	1.845	2.028	1.954	1.952	2.019	1.691	1.633	1.711
September	2.593	2.589	2.335	2.129	2.038	2.152	2.157	2.154	2.147	1.805	1.737	1.826
October	2.479	2.475	2.225	2.009	1.862	2.031	2.044	2.042	2.034	1.708	1.681	1.730
November	2.558	2.554	2.285	2.070	1.902	2.086	2.125	2.122	2.091	1.784	1.778	1.806
December	2.474	2.470	2.167	1.976	1.819	1.990	2.036	2.034	1.984	1.697	1.724	1.720
<b>2017</b>	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
<b>2018</b>												
January	2.552	2.547	2.328	2.115	1.992	2.136	2.111	2.108	2.125	1.827	1.824	1.849
February	2.619	2.614	2.413	2.087	1.982	2.126	2.130	2.127	2.211	1.787	1.851	1.823
March	2.649	2.644	2.523	2.166	2.013	2.206	2.162	2.160	2.307	1.859	1.821	1.889
April	2.787	2.783	2.663	2.342	2.189	2.376	2.317	2.315	2.467	2.026	1.969	2.054
May	2.952	2.945	2.789	2.492	2.315	2.521	2.498	2.494	2.602	2.181	2.108	2.205
June	2.940	2.933	2.726	2.420	2.226	2.444	2.473	2.469	2.551	2.105	2.083	2.135
July	2.897	2.891	2.687	2.434	2.255	2.455	2.445	2.442	2.499	2.125	2.076	2.148
August	2.881	2.874	2.652	2.397	2.215	2.421	2.424	2.421	2.457	2.093	2.065	2.118
September	2.897	2.891	2.740	2.410	2.263	2.446	2.431	2.428	2.537	2.108	2.065	2.136
October	2.962	2.954	2.840	2.361	2.249	2.419	2.445	2.441	2.647	2.045	2.080	2.090
November	2.764	2.755	2.542	1.998	1.825	2.062	2.210	2.205	2.369	1.683	1.694	1.732
December	2.534	2.526	2.321	1.766	1.594	1.832	1.977	1.973	2.140	1.464	1.476	1.514
<b>2018</b>	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
<b>2019</b>												
January	2.401	2.394	2.232	1.734	1.548	1.786	1.858	1.854	2.040	1.442	1.424	1.483
February	2.447	2.440	2.312	1.877	1.721	1.925	1.954	1.949	2.097	1.591	1.527	1.624
March	2.621	2.615	2.484	2.148	2.011	2.187	2.141	2.137	2.272	1.857	1.755	1.881
April	3.012	3.004	2.957	2.417	2.325	2.483	2.492	2.487	2.744	2.093	2.059	2.138
May	3.068	3.052	2.967	2.401	2.240	2.465	2.527	2.520	2.765	2.064	2.009	2.110

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 7. U.S. refiner motor gasoline volumes by grade and sales type**  
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
<b>2017</b>												
January	18.8	19.0	16.3	212.3	15.4	244.1	1.6	1.6	0.3	2.0	-	2.3
February	19.4	19.7	17.0	221.5	16.2	254.7	1.6	1.7	0.3	2.0	-	2.3
March	20.0	20.2	17.8	229.7	12.3	259.8	1.7	1.7	0.3	2.1	-	2.4
April	19.8	20.0	17.5	229.1	18.4	265.0	1.7	1.7	0.3	2.1	-	2.4
May	20.2	20.4	17.5	233.9	14.8	266.2	1.7	1.8	0.3	2.3	-	2.6
June	20.9	21.1	17.6	238.4	13.0	269.0	1.8	1.8	0.3	2.4	-	2.7
July	20.1	20.3	17.3	234.6	12.0	264.0	1.7	1.8	0.3	2.3	-	2.6
August	20.5	20.8	17.7	241.0	15.5	274.1	1.8	1.8	0.3	2.3	-	2.6
September	20.0	20.3	17.2	229.5	17.8	264.6	1.7	1.7	0.3	2.1	-	2.3
October	20.3	20.6	17.1	234.1	16.5	267.7	1.7	1.7	0.3	2.0	-	2.3
November	19.9	20.2	17.0	231.5	18.4	266.8	1.7	1.7	0.3	2.0	-	2.2
December	19.8	20.0	16.8	230.0	17.6	264.4	1.6	1.7	0.3	1.9	-	2.1
<b>2017</b>	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
<b>2018</b>												
January	18.5	18.7	15.9	215.9	16.4	248.3	1.5	1.5	0.2	1.7	-	2.0
February	19.2	19.5	16.8	224.3	18.9	260.1	1.6	1.6	0.2	1.8	-	2.0
March	19.7	20.0	17.3	231.3	20.4	269.0	1.7	1.7	0.2	1.8	-	2.1
April	19.6	19.8	17.5	231.0	20.6	269.0	1.6	1.6	0.3	1.9	-	2.1
May	19.8	20.1	17.3	240.2	21.5	279.0	1.7	1.7	0.2	2.0	-	2.2
June	20.5	20.8	17.4	242.1	20.4	279.8	1.7	1.7	0.2	2.0	-	2.2
July	20.0	20.3	17.3	237.2	18.3	272.7	1.7	1.7	0.2	2.0	-	2.2
August	20.7	21.0	17.6	241.8	15.5	275.0	1.7	1.7	0.2	2.0	-	2.2
September	19.8	20.1	17.1	230.0	20.7	267.8	1.7	1.7	0.2	1.8	-	2.0
October	20.3	20.6	17.0	236.1	15.9	269.0	1.7	1.7	0.2	1.7	-	1.9
November	20.2	20.5	16.7	233.2	15.2	265.1	1.7	1.7	0.2	1.7	-	1.9
December	19.8	20.0	16.6	227.2	13.5	257.2	1.6	1.6	0.2	1.6	-	1.8
<b>2018</b>	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
<b>2019</b>												
January	19.0	19.2	15.6	218.2	17.8	251.6	1.6	1.6	0.2	1.5	-	1.7
February	19.2	19.5	16.4	222.8	15.9	255.2	1.6	1.6	0.2	1.5	-	1.7
March	19.9	20.1	16.8	229.8	15.1	261.7	1.7	1.7	0.2	1.6	-	1.8
April	19.8	20.0	17.0	235.7	14.8	267.5	1.7	1.7	0.2	1.6	-	1.8
May	20.2	20.6	16.9	239.7	14.3	270.9	1.6	1.6	0.2	1.8	-	2.0

See footnotes at end of table.

**Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)**  
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
<b>2017</b>												
January	2.3	2.4	4.5	25.3	1.7	31.5	22.7	22.9	21.2	239.6	17.1	277.9
February	2.4	2.4	4.7	26.7	1.3	32.7	23.5	23.8	22.0	250.2	17.5	289.7
March	2.5	2.5	4.9	28.1	1.9	34.9	24.2	24.5	23.0	259.9	14.2	297.2
April	2.5	2.6	4.9	28.5	2.1	35.5	24.1	24.3	22.7	259.7	20.5	302.9
May	2.6	2.7	5.0	30.6	1.6	37.2	24.6	24.9	22.8	266.8	16.4	306.0
June	2.7	2.7	5.0	31.2	1.8	38.0	25.4	25.7	22.8	272.1	14.8	309.7
July	2.7	2.7	5.0	30.9	1.5	37.4	24.6	24.8	22.6	267.9	13.5	304.0
August	2.7	2.7	5.1	31.3	1.8	38.1	24.9	25.2	23.0	274.6	17.3	314.9
September	2.6	2.6	4.8	29.0	1.8	35.6	24.3	24.6	22.3	260.6	19.6	302.5
October	2.6	2.6	4.9	29.2	1.9	36.0	24.6	24.9	22.3	265.3	18.3	305.9
November	2.4	2.4	4.6	28.6	2.5	35.7	24.0	24.3	21.9	262.0	20.9	304.8
December	2.4	2.4	4.8	28.3	2.6	35.6	23.8	24.1	21.9	260.1	20.2	302.2
<b>2017</b>	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
<b>2018</b>												
January	2.3	2.3	4.5	26.3	2.0	32.8	22.3	22.5	20.7	244.0	18.4	283.1
February	2.3	2.3	4.7	27.3	2.0	34.0	23.1	23.4	21.8	253.4	20.8	296.0
March	2.4	2.5	4.7	28.7	1.7	35.2	23.8	24.1	22.3	261.9	22.1	306.3
April	2.4	2.4	4.9	28.7	2.2	35.8	23.5	23.8	22.6	261.5	22.8	306.9
May	2.5	2.5	4.8	30.5	1.9	37.2	24.0	24.3	22.3	272.7	23.4	318.4
June	2.5	2.6	4.8	29.9	2.8	37.5	24.7	25.1	22.4	273.9	23.2	319.5
July	2.5	2.5	4.8	30.0	2.3	37.1	24.2	24.6	22.3	269.2	20.6	312.1
August	2.6	2.6	4.9	30.5	2.0	37.3	25.0	25.4	22.8	274.2	17.5	314.5
September	2.5	2.5	4.8	28.9	1.9	35.6	24.0	24.4	22.1	260.7	22.6	305.4
October	2.4	2.4	4.7	28.6	1.9	35.2	24.3	24.7	21.9	266.4	17.9	306.2
November	2.4	2.4	4.7	28.5	1.7	34.9	24.3	24.6	21.5	263.4	16.9	301.8
December	2.5	2.5	4.7	28.2	1.9	34.9	23.9	24.2	21.5	257.0	15.4	293.9
<b>2018</b>	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
<b>2019</b>												
January	2.4	2.4	4.4	27.0	2.4	33.9	22.9	23.2	20.3	246.7	20.2	287.2
February	2.4	2.5	4.6	27.7	2.3	34.7	23.2	23.6	21.3	252.1	18.2	291.6
March	2.5	2.5	4.6	28.5	1.5	34.6	24.0	24.3	21.6	259.9	16.6	298.1
April	2.4	2.4	4.6	29.2	1.8	35.6	23.8	24.1	21.9	266.5	16.6	R304.9
May	2.4	2.5	4.5	30.1	1.6	36.2	24.3	24.7	21.7	271.6	15.9	309.1

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type**  
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
<b>2017</b>												
January	1.768	1.768	1.663	1.557	1.575	1.561	2.009	2.008	1.817	1.724	-	1.730
February	1.700	1.701	1.679	1.540	1.546	1.544	1.956	1.956	1.866	1.709	-	1.719
March	1.739	1.740	1.766	1.542	W	1.546	1.994	1.992	1.961	1.715	-	1.730
April	1.858	1.858	1.831	1.635	1.594	1.636	2.099	2.094	2.003	1.811	-	1.822
May	1.803	1.803	1.781	1.563	W	1.566	2.057	2.056	1.977	1.751	-	1.764
June	1.746	1.746	1.704	1.475	W	1.480	2.005	2.004	1.906	1.662	-	1.676
July	1.721	1.721	1.709	1.532	1.488	1.534	1.967	1.967	1.877	1.714	-	1.723
August	1.807	1.806	1.803	1.632	W	1.632	2.056	2.055	1.954	1.817	-	1.825
September	2.013	2.011	1.923	1.750	W	1.748	2.279	2.273	2.048	1.948	-	1.954
October	1.905	1.904	1.792	1.661	W	1.663	2.171	2.168	1.978	1.838	-	1.847
November	1.985	1.984	1.899	1.737	W	1.741	2.235	2.231	2.058	1.902	-	1.912
December	1.900	1.899	1.815	1.651	1.700	1.658	2.158	2.155	2.006	1.812	-	1.825
<b>2017</b>	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
<b>2018</b>												
January	1.965	1.963	1.888	1.776	1.783	1.779	2.203	2.201	2.087	1.945	-	1.954
February	1.949	1.948	1.934	1.732	1.827	1.744	2.218	2.216	2.151	1.912	-	1.928
March	1.974	1.973	2.051	1.791	1.776	1.795	2.235	2.233	2.253	1.972	-	1.990
April	2.148	2.148	2.232	1.956	1.915	1.957	2.411	2.408	2.436	2.147	-	2.165
May	2.331	2.328	2.385	2.106	2.067	2.107	2.597	2.592	2.579	2.300	-	2.316
June	2.298	2.295	2.340	2.036	2.044	2.042	2.579	2.576	2.532	2.246	-	2.261
July	2.286	2.284	2.288	2.063	2.027	2.065	2.550	2.548	2.458	2.270	-	2.281
August	2.267	2.264	2.235	2.038	2.025	2.041	2.536	2.535	2.442	2.244	-	2.254
September	2.265	2.263	2.271	2.054	2.028	2.056	2.537	2.536	2.485	2.252	-	2.266
October	2.249	2.247	2.358	1.989	2.042	1.999	2.540	2.538	2.586	2.190	-	2.213
November	1.984	1.982	2.115	1.628	1.655	1.639	2.314	2.312	2.383	1.824	-	1.855
December	1.731	1.729	1.880	1.394	1.437	1.406	2.047	2.047	2.150	1.579	-	1.612
<b>2018</b>	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
<b>2019</b>												
January	1.623	1.621	1.728	1.369	1.383	1.377	1.911	1.912	2.002	1.545	-	1.569
February	1.755	1.751	1.733	1.521	1.458	1.520	2.003	2.004	2.025	1.685	-	1.702
March	1.954	1.952	1.954	1.788	1.687	1.784	2.210	2.210	2.181	1.962	-	1.973
April	2.248	2.245	2.320	1.995	1.963	1.999	2.505	2.504	2.504	2.186	-	2.201
May	2.263	2.260	2.389	1.968	1.926	1.973	2.546	2.544	2.579	2.171	-	2.187

See footnotes at end of table.

**Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)**  
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
<b>2017</b>												
January	2.265	2.258	1.866	1.908	1.736	1.893	1.813	1.812	1.700	1.590	1.589	1.593
February	2.216	2.210	1.911	1.899	1.732	1.890	1.747	1.748	1.721	1.574	1.560	1.577
March	2.250	2.247	W	1.916	1.716	1.903	1.786	1.787	1.808	1.578	1.562	1.583
April	2.356	2.352	2.059	2.005	1.777	1.988	1.904	1.904	1.872	1.672	1.611	1.671
May	2.311	2.306	W	1.950	1.731	1.938	1.851	1.851	1.823	1.604	1.552	1.605
June	2.263	2.257	W	1.851	1.695	1.843	1.795	1.795	1.745	1.515	1.503	1.520
July	2.227	2.220	1.931	1.902	1.703	1.893	1.770	1.769	1.751	1.572	1.510	1.573
August	2.310	2.302	W	2.014	1.800	2.000	1.855	1.854	1.845	1.672	1.605	1.671
September	2.523	2.514	W	2.137	2.017	2.128	2.061	2.059	1.960	1.789	1.713	1.786
October	2.421	2.412	W	2.027	1.842	2.013	1.953	1.951	1.832	1.697	1.664	1.698
November	2.497	2.489	W	2.083	1.880	2.063	2.031	2.029	1.939	1.770	1.764	1.773
December	2.426	2.417	2.039	1.987	1.804	1.971	1.947	1.946	1.857	1.684	1.712	1.690
<b>2017</b>	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
<b>2018</b>												
January	2.479	2.468	2.118	2.121	1.956	2.106	2.010	2.009	1.931	1.809	1.801	1.811
February	2.493	2.482	2.176	2.086	1.943	2.078	1.997	1.996	1.980	1.766	1.838	1.777
March	2.510	2.502	2.298	2.154	1.954	2.146	2.022	2.021	2.097	1.827	1.789	1.829
April	2.683	2.676	2.484	2.337	2.141	2.325	2.197	2.196	2.278	1.993	1.936	1.994
May	2.867	2.852	2.632	2.487	2.273	2.476	2.380	2.377	2.431	2.145	2.083	2.145
June	2.848	2.832	2.570	2.425	2.201	2.404	2.348	2.345	2.383	2.074	2.064	2.079
July	2.828	2.814	2.522	2.439	2.224	2.422	2.335	2.333	2.332	2.102	2.050	2.102
August	2.814	2.798	2.477	2.418	2.185	2.403	2.317	2.314	2.280	2.077	2.043	2.079
September	2.810	2.796	2.526	2.420	2.222	2.409	2.315	2.313	2.318	2.091	2.042	2.091
October	2.823	2.806	2.617	2.366	2.188	2.363	2.300	2.297	2.406	2.025	2.056	2.035
November	2.583	2.565	2.373	2.010	1.778	2.007	2.038	2.035	2.164	1.665	1.667	1.675
December	2.322	2.306	2.133	1.745	1.533	1.744	1.784	1.782	1.930	1.428	1.449	1.440
<b>2018</b>	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
<b>2019</b>												
January	2.192	2.179	1.961	1.704	1.493	1.691	1.674	1.672	1.772	1.402	1.396	1.409
February	2.279	2.266	1.982	1.842	1.666	1.831	1.801	1.798	1.781	1.552	1.483	1.552
March	2.483	2.472	2.207	2.125	1.955	2.118	2.002	1.999	2.001	1.821	1.709	1.817
April	2.781	2.768	2.575	2.359	2.227	2.357	2.295	2.292	2.366	2.030	1.991	2.035
May	2.821	2.803	2.661	2.353	2.160	2.352	2.314	2.311	2.438	2.007	1.951	2.012

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type**  
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
<b>2017</b>												
January	12.3	12.5	3.7	151.5	13.0	168.2	0.7	0.7	0.1	1.4	-	1.5
February	12.9	13.1	3.8	158.6	13.4	175.9	0.7	0.8	0.1	1.4	-	1.5
March	13.3	13.5	W	164.4	W	178.2	0.8	0.8	0.1	1.5	-	1.6
April	13.2	13.4	4.0	163.9	15.6	183.5	0.8	0.8	0.1	1.5	-	1.6
May	13.4	13.6	W	168.2	W	184.8	0.8	0.8	0.1	1.6	-	1.7
June	13.8	14.1	W	171.5	W	186.0	0.8	0.8	0.1	1.7	-	1.8
July	13.3	13.5	4.0	169.6	9.6	183.1	0.8	0.8	0.1	1.6	-	1.7
August	13.6	13.9	W	174.5	W	191.7	0.8	0.8	0.1	1.6	-	1.7
September	13.2	13.4	W	165.1	W	184.5	0.8	0.8	0.1	1.5	-	1.5
October	13.5	13.7	W	167.7	W	184.8	0.8	0.8	0.1	1.4	-	1.5
November	13.2	13.5	W	166.0	W	184.7	0.8	0.8	0.1	1.4	-	1.5
December	13.2	13.4	3.6	164.5	14.7	182.7	0.8	0.8	0.1	1.3	-	1.4
<b>2017</b>	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
<b>2018</b>												
January	12.2	12.4	3.5	153.8	13.7	171.0	0.7	0.7	0.1	1.2	-	1.3
February	12.8	13.0	3.6	159.4	15.6	178.6	0.7	0.7	0.1	1.2	-	1.3
March	13.0	13.2	3.7	165.6	17.0	186.2	0.8	0.8	0.1	1.3	-	1.4
April	12.8	13.0	3.6	165.1	17.8	186.4	0.7	0.8	0.1	1.3	-	1.4
May	12.9	13.2	3.5	172.6	18.7	194.9	0.7	0.8	0.1	1.4	-	1.5
June	13.4	13.7	3.6	174.3	17.4	195.4	0.8	0.8	0.1	1.4	-	1.5
July	13.0	13.2	3.7	171.6	14.7	189.9	0.7	0.8	0.1	1.4	-	1.5
August	13.5	13.8	3.7	174.3	12.3	190.3	0.8	0.8	0.1	1.4	-	1.5
September	12.9	13.2	3.5	164.7	18.0	186.2	0.7	0.8	0.1	1.3	-	1.4
October	13.2	13.5	3.5	170.0	13.7	187.1	0.7	0.7	0.1	1.2	-	1.3
November	13.4	13.6	3.4	167.7	12.9	184.0	0.7	0.8	0.1	1.2	-	1.3
December	12.9	13.2	3.4	162.8	10.8	177.0	0.7	0.7	0.1	1.2	-	1.2
<b>2018</b>	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
<b>2019</b>												
January	12.4	12.7	3.2	155.9	14.8	173.9	0.7	0.7	0.1	1.1	-	1.2
February	12.6	12.9	3.3	159.1	13.0	175.3	0.7	0.7	0.1	1.1	-	1.2
March	13.0	13.3	3.5	166.0	12.3	181.9	0.7	0.7	0.1	1.2	-	1.2
April	13.0	13.3	3.5	169.9	12.3	185.7	0.7	0.7	0.1	1.2	-	1.3
May	13.4	13.7	3.5	173.2	11.2	187.9	0.7	0.8	0.1	1.4	-	1.4

See footnotes at end of table.

**Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)**  
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
<b>2017</b>												
January	0.9	0.9	0.7	15.1	1.3	17.1	13.9	14.1	4.5	168.1	14.3	186.8
February	1.0	1.0	0.8	16.0	1.0	17.8	14.6	14.8	4.7	176.1	14.4	195.2
March	1.0	1.0	W	16.9	W	19.4	15.1	15.3	5.0	182.8	11.4	199.2
April	1.0	1.0	0.8	17.3	1.6	19.8	15.0	15.3	4.8	182.7	17.3	204.9
May	1.1	1.1	W	19.0	W	21.1	15.3	15.5	4.9	188.8	14.0	207.7
June	1.1	1.1	W	19.5	W	21.8	15.8	16.0	4.9	192.6	12.1	209.7
July	1.1	1.1	0.9	19.5	1.1	21.4	15.2	15.5	4.9	190.7	10.7	206.3
August	1.1	1.1	W	19.6	W	21.9	15.5	15.8	5.0	195.8	14.6	215.3
September	1.0	1.1	W	17.8	W	20.1	15.0	15.2	4.7	184.4	17.0	206.1
October	1.0	1.0	W	17.8	W	19.9	15.3	15.5	4.7	186.8	14.7	206.2
November	1.0	1.0	W	17.3	W	20.2	15.0	15.2	4.4	184.7	17.3	206.4
December	1.0	1.0	0.8	17.0	2.0	19.8	14.9	15.1	4.4	182.8	16.6	203.9
<b>2017</b>	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
<b>2018</b>												
January	0.9	0.9	0.7	15.9	1.7	18.3	13.8	14.1	4.3	170.9	15.4	190.6
February	0.9	0.9	0.7	16.5	1.6	18.8	14.4	14.7	4.4	177.1	17.2	198.8
March	1.0	1.0	0.8	17.6	1.3	19.7	14.7	15.0	4.5	184.4	18.3	207.3
April	0.9	1.0	0.7	17.5	1.8	20.1	14.5	14.7	4.4	184.0	19.6	208.0
May	1.0	1.0	0.7	19.0	1.6	21.4	14.6	14.9	4.4	193.0	20.4	217.8
June	1.0	1.0	0.8	18.5	2.5	21.8	15.1	15.4	4.4	194.3	19.9	218.6
July	1.0	1.0	0.8	18.9	1.9	21.7	14.7	15.0	4.5	191.9	16.6	213.1
August	1.0	1.0	0.8	19.1	1.5	21.4	15.3	15.6	4.5	194.8	13.9	213.2
September	1.0	1.0	0.7	17.8	1.5	20.0	14.6	14.9	4.3	183.8	19.5	207.5
October	0.9	1.0	0.7	17.6	1.5	19.8	14.9	15.2	4.3	188.9	15.1	208.3
November	0.9	1.0	0.7	17.4	1.4	19.5	15.1	15.4	4.2	186.3	14.3	204.8
December	0.9	1.0	0.7	17.1	1.5	19.4	14.6	14.9	4.2	181.1	12.3	197.7
<b>2018</b>	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
<b>2019</b>												
January	0.9	0.9	0.7	16.4	2.0	19.0	14.0	14.3	3.9	173.4	16.8	194.1
February	0.9	1.0	0.7	16.7	1.8	19.2	14.2	14.5	4.0	176.8	14.8	195.7
March	1.0	1.0	0.7	17.5	1.1	19.3	14.7	15.0	4.3	184.7	13.4	202.4
April	1.0	1.0	0.7	17.9	1.5	20.1	14.7	15.0	4.3	189.1	R13.7	207.1
May	1.0	1.0	0.7	18.7	1.3	20.7	15.1	15.4	4.3	193.2	12.5	210.0

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type**  
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
<b>2017</b>												
January	1.952	1.951	1.868	1.604	1.625	1.649	2.195	2.194	2.020	1.744	-	1.807
February	1.954	1.953	1.960	1.609	1.665	1.670	2.225	2.225	2.151	1.774	-	1.861
March	2.000	1.999	2.023	1.615	W	1.685	2.275	2.274	2.180	1.782	-	1.873
April	2.060	2.059	2.052	1.724	1.740	1.779	2.303	2.303	2.217	1.876	-	1.952
May	2.050	2.050	2.071	1.679	W	1.745	2.309	2.309	2.231	1.828	-	1.914
June	1.992	1.991	1.984	1.563	W	1.634	2.260	2.260	2.101	1.711	-	1.793
July	1.942	1.941	1.917	1.620	1.637	1.670	2.194	2.193	2.082	1.759	-	1.825
August	2.021	2.021	2.009	1.691	W	1.745	2.276	2.276	2.189	1.833	-	1.905
September	2.215	2.213	2.143	1.798	W	1.857	2.473	2.473	2.286	1.949	-	2.021
October	2.096	2.095	2.032	1.690	W	1.747	2.352	2.352	2.186	1.829	-	1.907
November	2.190	2.188	2.073	1.778	W	1.828	2.438	2.438	2.235	1.910	-	1.980
December	2.092	2.091	1.962	1.691	1.763	1.737	2.345	2.345	2.101	1.815	-	1.879
<b>2017</b>	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
<b>2018</b>												
January	2.183	2.182	2.116	1.829	1.907	1.878	2.437	2.437	2.305	1.973	-	2.049
February	2.247	2.246	2.211	1.795	1.888	1.866	2.534	2.534	2.389	1.954	-	2.053
March	2.284	2.282	2.300	1.892	1.948	1.961	2.572	2.572	2.505	2.059	-	2.160
April	2.416	2.415	2.458	2.060	2.132	2.129	2.684	2.684	2.626	2.217	-	2.313
May	2.591	2.590	2.591	2.227	2.246	2.287	2.849	2.849	2.734	2.366	-	2.447
June	2.576	2.575	2.544	2.141	2.174	2.208	2.840	2.840	2.653	2.271	-	2.354
July	2.522	2.522	2.489	2.141	2.160	2.199	2.781	2.781	2.641	2.272	-	2.355
August	2.500	2.499	2.446	2.093	2.127	2.153	2.764	2.764	2.600	2.220	-	2.301
September	2.512	2.511	2.532	2.106	2.171	2.179	2.791	2.791	2.708	2.259	-	2.360
October	2.569	2.568	2.652	2.048	2.167	2.152	2.873	2.873	2.799	2.233	-	2.361
November	2.375	2.373	2.373	1.682	1.813	1.799	2.713	2.713	2.462	1.857	-	1.997
December	2.164	2.163	2.140	1.504	1.548	1.610	2.496	2.496	2.265	1.695	-	1.825
<b>2018</b>	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
<b>2019</b>												
January	2.038	2.036	2.049	1.494	1.527	1.584	2.355	2.355	2.207	1.689	-	1.807
February	2.088	2.086	2.109	1.639	1.684	1.718	2.380	2.380	2.326	1.841	-	1.956
March	2.258	2.256	2.280	1.902	1.918	1.965	2.538	2.538	2.479	2.083	-	2.173
April	2.710	2.709	2.778	2.200	R2.336	2.300	2.979	2.979	2.988	2.414	-	2.547
May	2.779	2.771	2.796	2.156	2.187	2.260	3.059	3.059	2.964	2.330	-	2.462

See footnotes at end of table.

**Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)**  
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
<b>2017</b>												
January	2.359	2.359	2.104	1.908	1.833	1.957	2.044	2.043	1.924	1.648	1.658	1.699
February	2.391	2.390	2.210	1.922	NA	2.000	2.054	2.053	2.019	1.655	1.697	1.723
March	2.439	2.439	W	1.928	W	2.016	2.101	2.100	2.077	1.661	1.698	1.739
April	2.468	2.468	2.286	2.031	1.992	2.097	2.154	2.153	2.108	1.769	1.772	1.831
May	2.478	2.478	W	1.985	W	2.068	2.149	2.148	2.127	1.726	1.728	1.799
June	2.428	2.427	W	1.876	W	1.959	2.092	2.091	2.034	1.611	1.668	1.688
July	2.357	2.356	2.155	1.930	1.933	1.988	2.038	2.037	1.974	1.668	1.674	1.723
August	2.440	2.440	W	1.998	W	2.065	2.117	2.117	2.068	1.737	1.779	1.798
September	2.640	2.640	W	2.116	W	2.184	2.310	2.309	2.198	1.846	1.895	1.911
October	2.517	2.517	W	1.980	W	2.052	2.191	2.191	2.089	1.734	1.750	1.797
November	2.598	2.598	W	2.048	W	2.115	2.280	2.279	2.129	1.818	1.842	1.874
December	2.505	2.505	2.191	1.958	1.866	2.013	2.184	2.183	2.016	1.730	1.782	1.783
<b>2017</b>	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
<b>2018</b>												
January	2.602	2.602	2.368	2.106	2.170	2.175	2.275	2.274	2.175	1.869	1.936	1.926
February	2.703	2.703	2.458	2.088	2.146	2.185	2.348	2.347	2.269	1.838	1.915	1.917
March	2.738	2.738	2.566	2.185	2.224	2.283	2.386	2.385	2.361	1.935	1.975	2.013
April	2.855	2.855	2.695	2.350	2.393	2.442	2.511	2.510	2.513	2.102	2.167	2.180
May	3.008	3.008	2.819	2.500	2.549	2.582	2.683	2.682	2.643	2.267	2.275	2.335
June	3.000	3.000	2.756	2.412	2.404	2.500	2.669	2.668	2.593	2.181	2.198	2.254
July	2.942	2.942	2.720	2.426	2.412	2.501	2.615	2.615	2.542	2.183	2.184	2.247
August	2.925	2.925	2.685	2.362	2.329	2.445	2.594	2.593	2.501	2.133	2.149	2.200
September	2.953	2.953	2.779	2.393	2.411	2.494	2.611	2.610	2.589	2.148	2.204	2.230
October	3.051	3.051	2.882	2.352	2.445	2.491	2.673	2.672	2.705	2.093	2.213	2.206
November	2.881	2.881	2.573	1.980	2.033	2.133	2.489	2.487	2.419	1.726	1.840	1.853
December	2.664	2.664	2.356	1.798	1.810	1.942	2.279	2.278	2.191	1.548	1.584	1.665
<b>2018</b>	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
<b>2019</b>												
January	2.532	2.532	2.280	1.780	1.801	1.908	2.151	2.149	2.103	1.536	1.562	1.637
February	2.550	2.550	2.371	1.930	1.927	2.042	2.194	2.192	2.171	1.683	1.719	1.772
March	2.706	2.706	2.537	2.186	2.151	2.274	2.360	2.359	2.339	1.944	1.950	2.016
April	3.165	3.165	3.028	2.511	2.722	2.646	2.810	2.808	2.835	2.246	R2.385	2.356
May	3.238	3.229	3.027	2.481	2.587	2.617	2.878	2.871	2.848	2.204	2.222	2.317

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type**  
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
<b>2017</b>												
January	6.4	6.5	12.7	60.8	2.4	75.9	0.9	0.9	0.2	0.6	-	0.8
February	6.5	6.5	13.2	62.8	2.8	78.8	0.9	0.9	0.2	0.6	-	0.8
March	6.7	6.7	W	65.3	W	81.6	0.9	0.9	0.2	0.7	-	0.8
April	6.6	6.6	13.5	65.2	2.8	81.5	0.9	0.9	0.2	0.7	-	0.9
May	6.8	6.8	W	65.6	W	81.3	0.9	0.9	0.2	0.7	-	0.9
June	7.0	7.1	W	67.0	W	83.0	1.0	1.0	0.2	0.7	-	0.9
July	6.8	6.8	13.3	65.1	2.5	80.9	1.0	1.0	0.2	0.7	-	0.9
August	6.9	6.9	W	66.4	W	82.5	1.0	1.0	0.2	0.7	-	0.9
September	6.9	6.9	W	64.4	W	80.1	0.9	0.9	0.2	0.6	-	0.8
October	6.9	6.9	W	66.4	W	82.8	0.9	0.9	0.2	0.6	-	0.8
November	6.7	6.7	W	65.5	W	82.1	0.9	0.9	0.2	0.6	-	0.7
December	6.6	6.6	13.2	65.5	2.9	81.6	0.9	0.9	0.2	0.6	-	0.7
<b>2017</b>	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
<b>2018</b>												
January	6.3	6.3	12.5	62.1	2.7	77.3	0.8	0.8	0.2	0.5	-	0.7
February	6.5	6.5	13.3	64.9	3.3	81.4	0.9	0.9	0.2	0.5	-	0.7
March	6.8	6.8	13.7	65.8	3.4	82.8	0.9	0.9	0.2	0.5	-	0.7
April	6.8	6.8	13.9	65.9	2.8	82.6	0.9	0.9	0.2	0.5	-	0.7
May	6.9	7.0	13.8	67.6	2.8	84.1	0.9	0.9	0.2	0.6	-	0.7
June	7.2	7.2	13.8	67.8	3.0	84.5	0.9	0.9	0.2	0.6	-	0.7
July	7.1	7.1	13.6	65.6	3.6	82.8	0.9	0.9	0.2	0.6	-	0.7
August	7.2	7.2	14.0	67.5	3.2	84.7	1.0	1.0	0.2	0.6	-	0.7
September	7.0	7.0	13.6	65.3	2.7	81.7	0.9	0.9	0.1	0.5	-	0.7
October	7.1	7.1	13.5	66.1	2.3	81.9	0.9	0.9	0.1	0.5	-	0.6
November	6.9	6.9	13.2	65.5	2.3	81.0	0.9	0.9	0.1	0.5	-	0.6
December	6.9	6.9	13.2	64.4	2.7	80.2	0.9	0.9	0.1	0.4	-	0.6
<b>2018</b>	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
<b>2019</b>												
January	6.5	6.5	12.5	62.3	3.0	77.7	0.9	0.9	0.1	0.4	-	0.5
February	6.6	6.6	13.2	63.8	2.9	79.8	0.9	0.9	0.1	0.4	-	0.5
March	6.8	6.9	13.2	63.8	2.8	79.8	0.9	0.9	0.1	0.4	-	0.5
April	6.7	6.8	13.6	65.7	2.5	81.8	0.9	0.9	0.1	0.4	-	0.6
May	6.8	6.9	13.4	66.5	3.1	83.0	0.9	0.9	0.1	0.5	-	0.6

See footnotes at end of table.

**Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)**  
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
<b>2017</b>												
January	1.4	1.4	3.8	10.1	0.4	14.4	8.8	8.8	16.6	71.5	2.9	91.0
February	1.5	1.5	4.0	10.6	0.3	14.9	8.9	8.9	17.3	74.1	3.1	94.5
March	1.5	1.5	W	11.1	W	15.5	9.1	9.2	18.0	77.1	2.8	98.0
April	1.5	1.5	4.1	11.2	0.4	15.7	9.0	9.1	17.9	77.0	3.2	98.1
May	1.6	1.6	W	11.7	W	16.1	9.3	9.3	17.9	78.0	2.4	98.3
June	1.6	1.6	W	11.8	W	16.2	9.6	9.6	17.9	79.5	2.7	100.1
July	1.6	1.6	4.1	11.5	0.3	16.0	9.3	9.4	17.7	77.3	2.8	97.7
August	1.6	1.6	W	11.7	W	16.2	9.4	9.4	18.0	78.8	2.7	99.6
September	1.5	1.5	W	11.2	W	15.5	9.3	9.3	17.6	76.2	2.6	96.4
October	1.5	1.5	W	11.5	W	16.1	9.4	9.4	17.6	78.5	3.7	99.7
November	1.5	1.5	W	11.3	W	15.5	9.0	9.0	17.5	77.3	3.6	98.4
December	1.5	1.5	4.0	11.2	0.6	15.9	8.9	9.0	17.4	77.3	3.5	98.3
<b>2017</b>	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
<b>2018</b>												
January	1.3	1.3	3.8	10.4	0.3	14.5	8.4	8.5	16.4	73.1	3.1	92.5
February	1.4	1.4	3.9	10.8	0.4	15.2	8.7	8.7	17.4	76.3	3.6	97.3
March	1.5	1.5	3.9	11.2	0.4	15.5	9.2	9.2	17.8	77.5	3.8	99.0
April	1.4	1.4	4.1	11.1	0.4	15.7	9.1	9.1	18.2	77.6	3.2	99.0
May	1.5	1.5	4.0	11.5	0.3	15.8	9.3	9.4	17.9	79.6	3.1	100.6
June	1.5	1.5	4.0	11.4	0.4	15.7	9.6	9.7	17.9	79.7	3.3	100.9
July	1.5	1.5	4.0	11.1	0.4	15.5	9.5	9.5	17.8	77.2	4.0	99.0
August	1.6	1.6	4.1	11.4	0.4	15.9	9.7	9.7	18.2	79.4	3.6	101.3
September	1.5	1.5	4.0	11.1	0.4	15.6	9.4	9.5	17.8	76.9	3.1	97.9
October	1.5	1.5	3.9	11.0	0.5	15.4	9.5	9.5	17.6	77.5	2.7	97.9
November	1.5	1.5	3.9	11.1	0.3	15.3	9.2	9.3	17.3	77.1	2.6	97.0
December	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.3	75.9	3.1	96.3
<b>2018</b>	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
<b>2019</b>												
January	1.5	1.5	3.8	10.6	0.4	14.8	8.8	8.9	16.4	73.3	3.4	93.0
February	1.5	1.5	3.9	11.1	0.5	15.5	9.0	9.0	17.2	75.3	3.4	95.9
March	1.6	1.6	3.9	11.0	0.4	15.3	9.3	9.3	17.2	75.2	3.2	95.6
April	1.4	1.4	3.9	11.2	0.4	15.5	9.1	9.1	17.6	77.4	2.9	R97.8
May	1.4	1.5	3.8	11.4	0.3	15.5	9.2	9.2	17.3	78.4	3.4	99.1

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 16. U.S. refiner residual fuel oil prices**

dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
<b>2017</b>						
January	W	1.099	1.249	1.121	1.309	1.119
February	W	1.174	1.243	1.115	1.291	1.121
March	W	1.103	1.186	1.075	1.239	1.077
April	W	1.038	1.147	1.039	1.201	1.039
May	W	0.986	1.153	1.047	1.213	1.043
June	W	0.937	1.129	0.995	1.195	0.991
July	W	1.026	1.154	1.040	1.211	1.039
August	W	1.042	1.142	1.081	1.204	1.079
September	W	1.150	1.295	1.137	1.314	1.138
October	W	1.153	1.249	1.178	1.304	1.176
November	W	1.302	1.384	1.277	1.413	1.279
December	W	1.254	1.447	1.249	1.484	1.249
<b>2017</b>	W	1.112	1.237	1.117	1.287	1.116
<b>2018</b>						
January	W	1.301	1.476	1.311	1.507	1.310
February	W	1.221	1.415	1.325	1.490	1.319
March	W	1.227	1.386	1.306	1.452	1.302
April	W	1.311	1.438	1.349	1.504	1.348
May	W	1.462	1.615	1.501	1.667	1.500
June	W	1.487	1.643	1.558	1.731	1.553
July	W	1.543	1.709	1.583	1.767	1.581
August	W	1.499	1.680	1.552	1.764	1.549
September	W	1.520	1.696	1.561	1.761	1.560
October	W	1.620	1.816	1.703	1.875	1.700
November	W	1.360	1.731	1.562	1.827	1.556
December	W	1.252	1.467	1.295	1.608	1.293
<b>2018</b>	W	1.397	1.587	1.466	1.662	1.463
<b>2019</b>						
January	W	1.626	1.417	1.326	1.425	1.357
February	W	1.808	1.553	1.458	1.568	1.508
March	W	W	1.606	1.542	1.639	1.581
April	W	W	1.648	1.549	1.685	1.577
May	W	W	1.607	1.502	1.656	1.529

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 17. U.S. refiner residual fuel oil volumes**

million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
<b>2017</b>						
January	W	0.5	W	6.2	3.9	6.6
February	W	0.6	W	5.6	4.4	6.2
March	W	0.4	W	5.5	4.6	5.9
April	W	0.3	W	5.9	3.8	6.2
May	W	0.3	W	5.5	3.8	5.9
June	W	0.5	W	7.6	3.7	8.2
July	W	0.6	W	5.7	3.4	6.3
August	W	0.4	W	8.1	3.7	8.4
September	W	0.7	W	7.2	4.1	7.8
October	W	0.6	W	7.8	3.5	8.4
November	W	0.6	W	6.6	4.3	7.2
December	W	0.3	W	7.7	4.6	8.1
<b>2017</b>	W	0.5	W	6.6	4.0	7.1
<b>2018</b>						
January	W	0.4	W	8.5	3.7	8.9
February	W	0.4	W	7.2	3.6	7.7
March	W	0.4	W	7.0	3.6	7.4
April	W	0.3	W	6.7	3.5	7.0
May	W	0.4	W	8.0	3.2	8.4
June	W	0.6	W	7.4	3.0	8.1
July	W	0.5	W	6.8	3.5	7.3
August	W	0.5	W	7.1	3.2	7.6
September	W	0.2	W	7.6	3.6	7.8
October	W	0.2	W	7.0	3.8	7.3
November	W	0.2	W	6.5	3.4	6.7
December	W	0.5	W	6.8	3.5	7.3
<b>2018</b>	W	0.4	W	7.2	3.5	7.6
<b>2019</b>						
January	W	0.8	W	7.0	2.8	7.9
February	W	1.1	W	6.5	2.3	7.6
March	W	W	W	W	2.2	6.9
April	W	W	W	W	2.4	9.3
May	W	W	W	W	2.1	8.0

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Figure 7. U.S. Refiner residual fuel oil prices**



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

# Crude Oil Prices

**Table 18. Domestic crude oil first purchase prices**  
dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017													
January	48.19	48.47	46.27	W	48.14	43.95	47.16	48.20	48.11	47.67	49.16	53.17	46.07
February	49.41	49.70	46.67	W	48.74	43.99	48.89	49.35	48.82	48.09	50.12	53.79	46.62
March	46.39	46.55	43.98	W	44.89	42.42	45.17	45.90	45.69	44.33	46.26	50.19	42.85
April	47.23	47.47	45.42	W	46.33	44.62	46.52	47.08	47.05	46.23	47.55	51.67	44.63
May	45.19	45.42	42.58	W	43.72	41.56	44.58	44.55	44.46	43.69	45.09	49.23	42.24
June	42.17	42.42	39.34	W	40.60	38.25	41.26	41.16	41.11	40.38	39.87	45.79	38.87
July	43.42	43.57	40.98	W	41.63	39.75	42.75	42.61	42.51	41.81	43.63	46.97	40.40
August	44.96	45.15	41.89	W	43.20	39.95	44.68	44.15	44.05	43.08	44.77	48.72	41.48
September	47.17	47.30	43.40	W	43.46	41.94	46.33	45.61	45.46	44.60	46.22	50.54	43.07
October	49.12	49.20	46.24	W	47.09	44.52	49.29	48.53	47.51	46.79	48.02	52.26	45.39
November	55.19	55.26	51.11	W	51.76	49.02	54.94	52.85	52.64	52.05	53.32	57.31	50.32
December	56.98	57.09	52.73	W	52.83	50.63	55.94	54.24	54.13	53.38	54.82	58.52	51.77
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018													
January	62.25	62.38	57.79	W	57.76	55.46	61.44	59.93	59.72	59.00	60.42	64.33	57.40
February	61.18	61.36	56.69	W	56.82	54.52	59.67	58.47	58.26	57.64	58.91	62.81	56.04
March	60.68	60.82	57.27	W	57.73	55.69	59.65	59.18	58.89	58.35	59.75	63.48	56.78
April	63.50	63.58	60.40	W	61.22	58.72	63.04	62.62	62.27	61.75	62.83	67.51	60.07
May	66.16	66.14	64.27	W	65.17	62.09	66.36	66.19	65.96	65.35	66.52	70.94	63.82
June	62.80	62.70	62.48	W	62.30	60.46	63.75	63.75	63.46	62.73	63.99	68.40	61.12
July	67.00	66.96	66.20	W	65.40	63.59	68.09	67.27	67.03	66.47	67.66	71.55	64.67
August	62.64	62.49	61.95	W	62.18	60.36	65.82	64.25	64.03	63.74	64.66	68.89	61.78
September	63.54	63.20	64.38	W	64.32	62.46	67.31	66.57	66.24	65.75	66.85	71.17	63.95
October	65.18	64.92	65.27	W	64.94	63.33	67.58	67.11	66.84	66.29	67.52	70.37	64.63
November	55.65	55.57	52.11	W	51.17	50.13	52.46	53.30	53.14	52.46	54.58	56.28	50.76
December	47.63	47.47	43.98	W	43.42	41.67	40.58	45.30	45.10	44.30	45.45	48.47	42.05
2018	61.40	61.35	59.41	W	59.52	57.30	61.15	61.24	60.98	60.45	61.84	65.51	58.61
2019													
January	47.85	47.51	46.09	W	45.91	43.93	46.08	48.07	47.82	46.96	48.30	50.98	44.76
February	52.51	52.22	49.49	W	49.40	47.13	51.86	51.68	51.35	50.52	51.72	54.39	48.29
March	57.47	57.30	52.74	W	52.25	49.93	54.91	54.69	54.41	53.55	54.84	57.44	51.56
April	63.01	62.95	58.23	W	58.22	55.38	60.99	60.39	60.11	59.24	60.49	63.23	57.32
May	59.68	59.50	55.96	W	55.50	53.64	57.66	57.40	57.19	56.52	57.64	60.18	54.59

See footnotes at end of table.

**Table 18. Domestic crude oil first purchase prices (cont.)**

dollars per barrel

Year month	PAD District 2 (cont.)					PAD District 3					Federal	
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Offshore Gulf
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017												
January	45.87	47.38	49.24	45.92	48.92	47.90	46.32	50.52	47.70	49.44	49.41	47.67
February	48.26	48.26	50.23	47.90	50.04	49.21	47.10	51.43	48.68	50.46	50.45	48.97
March	44.40	44.39	46.74	43.97	47.08	45.94	43.37	48.11	45.44	46.72	46.77	47.91
April	45.62	45.88	48.24	45.38	47.82	47.50	44.73	49.68	46.99	47.29	47.93	47.63
May	44.07	43.48	45.74	42.83	45.77	45.47	42.16	47.54	44.96	44.56	45.37	47.09
June	40.62	40.91	42.60	39.54	42.89	42.02	38.88	44.27	41.86	41.75	42.49	44.33
July	42.09	42.34	44.13	41.42	43.89	43.86	40.16	45.81	43.35	43.33	43.87	44.05
August	44.25	43.84	45.79	43.04	45.27	45.56	42.02	47.56	45.33	44.79	45.37	45.05
September	46.00	45.63	47.26	45.03	47.47	47.74	43.47	49.36	47.29	46.76	47.52	47.51
October	49.93	47.54	48.73	46.67	49.02	50.98	45.09	52.35	50.57	47.75	49.29	48.45
November	55.50	52.43	54.87	52.18	55.28	56.94	50.55	58.57	56.65	53.95	55.42	55.09
December	56.44	53.80	55.75	53.43	57.39	58.81	51.81	60.10	58.40	55.77	57.27	58.22
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018												
January	61.75	59.25	61.50	59.18	62.57	63.85	57.22	65.57	63.42	61.57	62.87	61.88
February	59.65	58.01	60.22	57.96	61.89	62.04	55.97	63.51	61.25	60.85	61.78	62.60
March	58.98	58.65	61.01	58.64	61.07	60.42	56.82	62.69	60.29	60.51	61.22	60.85
April	62.48	62.01	64.37	61.65	63.53	63.69	59.74	65.82	63.41	62.86	63.84	62.81
May	65.72	65.45	67.83	65.31	65.64	67.75	62.52	69.99	67.39	63.02	65.38	67.34
June	63.01	62.82	65.35	62.37	61.79	66.92	59.79	68.65	66.31	55.59	60.18	68.51
July	67.85	66.20	69.08	66.09	66.33	73.20	64.46	74.52	72.38	60.02	65.14	71.30
August	65.31	62.95	67.58	64.32	61.08	66.46	61.44	68.81	66.25	54.43	59.40	67.61
September	66.76	65.10	68.91	64.57	61.32	70.34	63.86	71.80	69.46	52.97	59.54	69.46
October	67.14	65.85	68.92	64.92	63.33	72.92	65.67	74.03	72.26	54.87	61.44	71.93
November	51.24	52.20	54.95	49.68	56.19	59.77	51.81	60.82	59.35	48.55	52.93	67.76
December	37.06	44.18	46.74	38.89	49.25	51.44	43.90	52.47	51.20	43.59	46.59	58.94
2018	60.27	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91	65.97
2019												
January	44.49	46.91	49.02	43.67	47.40	52.73	46.47	53.89	52.65	41.85	45.82	54.13
February	51.76	50.40	52.40	49.40	51.73	56.14	50.06	57.44	56.24	47.93	50.77	56.33
March	54.84	53.41	55.40	51.94	57.67	60.19	52.83	61.24	60.19	54.90	56.82	61.22
April	61.16	58.88	61.17	58.29	63.29	66.01	58.27	67.13	65.72	60.16	62.65	66.35
May	57.34	56.11	58.63	55.72	59.63	62.18	55.49	63.60	62.10	55.39	58.43	65.08

See footnotes at end of table.

**Table 18. Domestic crude oil first purchase prices (cont.)**

dollars per barrel

Year month	PAD District 4					PAD District 5				Federal Offshore CA	
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Offshore CA	
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97	
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99	
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78	
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32	
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38	
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03	
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25	
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23	
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48	
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37	
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39	
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68	
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59	
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80	
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01	
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04	
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40	
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55	
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62	
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W	
2017											
January	46.14	47.14	44.74	44.83	46.23	46.55	43.91	W	49.00	W	
February	48.06	49.79	46.75	45.88	47.94	47.42	45.01	W	49.73	W	
March	44.44	45.09	43.36	43.79	44.49	45.24	43.95	W	46.52	W	
April	45.54	46.62	44.17	43.34	46.07	45.89	43.63	W	48.10	W	
May	43.62	44.04	42.49	42.76	44.07	43.65	41.59	W	45.65	W	
June	40.56	40.77	38.95	40.44	40.90	40.17	37.40	W	42.32	W	
July	41.69	41.92	40.62	40.23	42.63	42.48	40.56	W	44.04	W	
August	43.34	43.55	42.49	42.15	44.02	44.46	41.15	W	46.94	W	
September	45.27	45.40	44.61	43.69	46.14	47.61	45.15	W	50.10	W	
October	46.88	46.88	46.83	45.15	47.76	50.42	47.93	W	53.08	W	
November	51.90	52.07	52.32	49.36	52.82	56.53	54.07	-	59.20	W	
December	52.86	53.08	53.29	50.11	53.83	58.03	54.88	W	60.87	W	
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W	
2018											
January	58.46	58.71	58.60	56.49	59.06	63.33	60.38	W	66.66	W	
February	57.20	57.57	57.02	55.27	57.84	61.00	58.55	W	63.89	W	
March	57.73	57.93	57.01	56.65	58.24	61.13	58.55	W	64.23	W	
April	61.00	61.36	60.76	59.27	61.50	65.09	62.27	W	68.19	W	
May	64.46	64.72	64.02	61.55	65.61	69.57	66.50	W	73.12	W	
June	61.85	62.43	61.20	58.87	62.84	67.96	64.42	W	71.66	W	
July	65.25	65.53	66.34	61.19	66.86	70.55	67.92	W	72.78	W	
August	63.18	63.52	63.19	59.12	64.46	67.57	65.76	W	69.34	W	
September	64.13	65.30	63.50	60.89	64.50	71.62	69.75	W	73.67	W	
October	64.52	65.71	63.65	61.59	64.62	72.87	69.68	W	76.27	W	
November	50.61	52.37	46.26	51.79	48.58	59.75	57.00	W	62.96	W	
December	40.22	43.98	32.39	40.76	36.51	52.07	50.12	W	54.45	W	
2018	59.05	59.87	58.03	56.85	59.35	65.03	62.21	W	68.12	W	
2019											
January	44.32	45.47	42.10	43.26	43.85	55.24	53.34	W	57.72	W	
February	49.04	48.83	49.85	46.26	50.28	59.73	56.99	W	63.29	W	
March	51.87	51.84	52.56	47.97	53.26	62.44	60.17	W	65.34	W	
April	58.16	58.06	58.11	54.70	59.70	66.53	63.91	W	69.74	W	
May	54.70	54.57	54.65	50.87	56.36	65.13	62.64	W	68.42	W	

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-182, *Domestic Crude Oil First Purchase Report*.

**Table 19. Domestic crude oil first purchase prices for selected crude streams**  
dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
<b>2017</b>									
January	43.91	47.73	47.17	50.28	49.41	45.84	49.42	48.73	47.82
February	45.01	48.71	48.06	51.11	50.41	47.07	50.62	49.25	49.94
March	43.95	45.60	45.23	48.88	47.06	45.86	46.83	45.96	45.96
April	43.63	46.90	46.78	49.94	48.50	45.80	47.50	47.23	47.56
May	41.59	44.62	44.30	48.49	46.43	45.00	44.93	44.87	45.02
June	37.40	41.43	41.01	45.29	43.26	42.38	42.08	42.27	41.83
July	40.56	43.10	42.63	46.18	44.62	42.21	43.35	43.67	43.66
August	41.15	46.03	45.63	47.90	46.41	43.13	44.94	45.16	44.72
September	45.15	49.17	48.66	49.63	48.41	46.32	47.18	47.29	46.79
October	47.93	52.02	51.69	52.16	51.67	48.72	48.56	48.10	48.57
November	54.07	W	57.91	58.58	58.13	54.02	54.75	53.89	53.58
December	54.88	W	59.24	61.19	59.89	56.49	56.64	55.83	54.88
<b>2017</b>	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
<b>2018</b>									
January	60.38	W	65.50	65.56	64.79	60.92	62.31	61.81	60.77
February	58.55	W	62.39	64.20	62.96	61.01	61.65	60.57	59.97
March	58.55	W	63.02	62.74	61.42	59.01	61.26	59.87	60.36
April	62.27	W	66.84	66.31	64.53	61.13	63.51	63.08	63.33
May	66.50	W	71.58	70.60	68.53	66.02	64.38	63.04	66.74
June	64.42	W	70.21	69.52	67.74	66.96	58.10	56.17	63.95
July	67.92	W	71.30	74.47	74.25	69.89	62.70	60.71	68.17
August	65.76	W	68.14	68.71	67.92	65.96	57.09	55.20	65.75
September	69.75	W	72.66	72.26	71.04	68.04	56.48	53.38	66.02
October	69.68	75.65	75.09	74.66	74.59	71.58	58.15	56.03	66.18
November	57.00	62.12	61.52	64.08	61.60	65.37	50.96	48.80	50.84
December	50.12	53.48	53.03	56.89	53.38	55.95	44.95	46.61	38.09
<b>2018</b>	62.21	67.05	66.97	67.54	66.17	64.59	58.11	57.04	60.99
<b>2019</b>									
January	53.34	57.27	56.39	55.51	53.96	52.20	44.06	42.07	44.71
February	56.99	60.94	60.26	58.99	57.25	55.07	49.30	48.35	50.96
March	60.17	64.49	63.76	63.07	61.69	60.36	55.72	55.59	53.86
April	63.91	69.17	68.24	68.56	67.22	65.55	61.60	61.41	60.36
May	62.64	68.22	67.26	65.70	63.60	64.07	57.49	56.74	56.88

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*.

**Table 20. Domestic crude oil first purchase prices by API gravity**  
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
<b>2017</b>						
January	48.35	49.32	43.77	48.25	49.47	48.12
February	48.82	49.78	44.88	49.22	50.68	49.64
March	45.70	46.37	43.79	46.92	46.93	46.04
April	47.17	48.43	43.53	47.66	47.78	47.32
May	44.77	46.00	41.55	46.07	45.26	45.31
June	41.52	42.60	37.41	43.35	42.31	42.10
July	43.22	44.58	40.48	43.96	43.63	43.63
August	46.18	47.20	41.12	45.26	45.18	45.44
September	49.30	50.57	45.06	47.62	47.39	47.29
October	52.39	53.05	47.78	49.32	48.92	50.26
November	58.59	58.91	53.91	55.03	54.99	56.23
December	60.04	60.77	54.63	57.26	56.81	57.61
<b>2017</b>	48.74	49.77	45.08	48.40	48.64	48.44
<b>2018</b>						
January	66.17	66.46	60.05	62.38	62.47	63.07
February	62.89	63.48	58.18	61.52	61.70	61.30
March	63.44	64.34	58.17	60.30	61.35	60.69
April	67.34	67.64	61.91	63.23	63.78	63.74
May	72.16	71.97	66.28	66.19	65.06	66.58
June	70.88	70.43	64.18	63.35	59.38	63.23
July	72.00	72.24	67.59	67.62	63.90	68.35
August	68.66	68.70	65.42	62.83	58.61	63.76
September	73.09	72.27	69.25	63.74	58.26	65.14
October	75.76	75.18	69.22	66.28	59.85	66.45
November	62.33	61.42	56.41	59.04	51.61	53.90
December	53.77	52.74	49.57	52.45	45.09	44.52
<b>2018</b>	67.45	67.25	61.83	62.35	58.97	61.59
<b>2019</b>						
January	57.16	57.06	52.95	49.43	44.72	47.45
February	61.16	60.50	56.72	53.51	49.94	52.75
March	64.70	64.14	59.90	59.43	56.00	57.23
April	69.29	68.82	63.69	64.81	61.82	63.13
May	68.10	68.18	62.42	61.75	57.82	59.13

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*.

**Table 21. F.O.B.[a] costs of imported crude oil by selected country**  
dollars per barrel

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017										
January	-	47.92	45.50	W	W	-	45.94	47.61	47.30	43.25
February	W	46.97	45.91	W	51.03	-	45.69	50.01	49.11	43.63
March	W	46.05	42.10	W	48.54	-	42.47	47.78	46.83	41.73
April	W	46.76	44.32	W	50.00	W	43.71	48.93	47.16	41.46
May	W	44.70	44.85	W	47.95	-	42.27	47.14	46.08	42.66
June	W	41.30	41.86	48.88	45.41	-	39.16	44.45	43.52	40.28
July	W	44.44	44.33	50.26	46.94	-	41.72	45.95	45.40	40.39
August	W	47.16	46.33	52.18	49.33	-	45.41	48.06	48.32	41.38
September	-	W	48.06	W	53.41	-	49.22	51.74	52.36	43.26
October	-	52.69	49.01	58.58	55.44	-	52.51	50.92	53.93	44.21
November	-	W	54.66	W	60.22	W	55.88	59.12	58.89	48.57
December	-	W	55.32	W	62.09	-	58.27	60.36	61.52	49.87
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018										
January	W	61.24	58.75	W	65.03	W	62.07	63.50	64.12	51.34
February	W	59.66	56.74	W	63.19	W	55.72	61.90	61.07	49.79
March	-	W	56.73	W	65.04	W	56.84	61.90	60.90	49.09
April	W	65.95	57.68	W	68.33	W	63.28	66.05	66.09	53.73
May	-	W	63.32	W	70.57	W	66.56	69.66	70.07	58.99
June	W	W	64.46	W	71.32	W	64.82	70.18	69.44	59.81
July	W	68.32	66.21	-	70.62	-	62.93	70.30	67.64	59.85
August	W	67.29	63.08	W	71.08	W	63.09	70.11	68.40	57.46
September	W	W	68.15	W	72.90	W	68.94	72.05	71.80	56.39
October	W	W	73.91	W	74.73	W	68.44	74.61	73.26	54.18
November	-	64.87	63.76	W	62.34	W	53.25	63.44	60.58	36.18
December	-	50.04	52.70	W	57.79	-	46.46	55.74	53.04	28.95
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
2019										
January	-	53.27	54.81	W	W	W	48.38	58.54	55.22	46.13
February	-	56.59	58.52	W	W	W	62.58	63.09	51.47	
March	-	61.28	60.66	W	R67.34	W	-	R65.62	R65.95	R55.66
April	-	R67.09	R63.19	W	R71.15	70.45	-	R68.86	R70.70	R59.56
May	W	66.63	62.12	W	W	69.74	-	66.18	69.20	60.54

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007-present), Congo (Brazzaville) (June 2018-present), Ecuador (January 2008-present), Equatorial Guinea (May 2018-present), Gabon (July 2016-present), Indonesia (1997-2008 and January 2016-November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997-2018), Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

**Table 22. Landed costs of imported crude oil by selected country**  
dollars per barrel

Year month	Selected countries								Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017											
January	-	44.70	49.17	46.35	54.74	50.40	W	47.53	49.35	49.22	45.76
February	W	44.97	49.66	46.57	54.42	52.27	-	46.28	50.92	50.48	46.26
March	W	43.00	48.29	42.97	W	50.36	W	43.91	49.58	48.91	44.03
April	W	43.05	48.38	44.65	W	50.18	W	44.53	49.03	48.47	44.31
May	W	44.24	45.92	45.51	51.83	49.17	W	43.50	47.37	47.36	45.23
June	50.74	41.76	44.89	42.36	50.36	47.97	W	40.88	46.86	45.77	42.67
July	50.20	41.60	46.72	45.17	50.89	48.22	-	42.25	47.48	46.91	43.36
August	52.23	43.18	48.56	46.86	53.18	51.43	W	46.16	49.71	49.55	45.41
September	56.59	45.14	52.43	49.63	57.99	55.03	W	50.98	52.93	53.53	47.42
October	W	45.68	53.95	50.28	59.35	58.34	W	53.05	55.14	55.71	48.21
November	61.03	51.16	59.52	55.47	64.27	61.66	62.24	57.19	59.63	59.83	53.67
December	W	51.15	61.58	56.01	67.20	63.52	-	58.80	61.48	62.13	53.90
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67
2018											
January	66.55	51.17	63.25	59.86	69.15	64.81	W	62.79	63.83	64.78	54.69
February	W	48.27	62.55	57.37	69.60	65.30	68.19	55.98	63.21	62.93	53.05
March	70.27	47.01	63.59	56.99	70.59	66.77	W	57.72	63.72	63.53	51.07
April	W	52.22	66.34	58.62	W	69.44	73.82	63.62	67.09	66.95	56.32
May	W	58.19	70.63	64.03	79.38	71.28	W	67.45	70.85	71.50	61.72
June	76.28	58.57	70.64	65.38	W	72.17	72.88	65.81	71.49	70.65	62.95
July	75.55	59.00	71.20	66.82	W	72.56	-	63.67	71.62	70.54	62.54
August	75.45	56.78	68.79	64.18	W	72.85	72.41	64.12	71.64	70.48	60.79
September	75.83	52.35	73.88	69.79	W	72.56	W	70.73	72.26	72.45	58.76
October	W	47.96	74.22	74.76	W	73.75	W	69.31	72.24	72.19	57.15
November	-	28.06	66.20	64.52	68.03	65.87	W	55.70	64.99	63.30	38.56
December	-	21.62	54.71	53.89	62.21	60.39	W	48.93	58.67	57.11	30.89
2018	73.42	48.34	66.75	63.48	71.93	69.40	73.28	62.46	67.55	67.22	54.27
2019											
January	-	40.33	56.26	56.12	W	61.69	W	51.82	59.80	57.46	45.44
February	-	50.24	59.69	59.72	W	66.37	W	52.72	64.07	62.76	53.71
March	-	54.61	64.65	R61.82	W	R67.50	W	55.25	R65.81	R65.30	R57.85
April	W	R59.01	R69.04	R64.21	R75.71	R71.10	R73.00	-	R69.08	R70.04	R62.18
May	W	58.85	69.01	62.86	73.03	70.51	71.76	W	68.61	69.82	62.47

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007-present), Congo (Brazzaville) (June 2018-present), Ecuador (January 2008-present), Equatorial Guinea (May 2018-present), Gabon (July 2016-present), Indonesia (1997-2008 and January 2016-November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997-2018), Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

**Table 23. F.O.B.[a] costs of imported crude oil by API gravity**  
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
<b>2017</b>							
January	44.96	41.08	47.97	50.43	50.01	-	W
February	44.33	42.25	48.44	50.86	50.29	51.84	W
March	41.90	39.38	47.25	49.76	50.83	52.79	W
April	42.29	40.12	45.56	49.43	48.69	49.92	W
May	41.78	40.50	45.29	49.71	48.59	51.24	50.00
June	38.25	38.65	43.53	46.21	46.53	45.83	W
July	39.97	39.42	45.14	45.78	46.32	48.92	W
August	42.21	40.85	45.53	48.82	47.92	52.34	W
September	44.11	41.26	48.71	52.16	51.74	56.00	W
October	46.80	43.13	50.77	52.29	55.45	58.11	W
November	50.59	47.79	56.14	59.46	57.06	W	W
December	49.05	48.91	59.48	61.16	58.35	W	W
<b>2017</b>	43.78	41.82	48.78	51.08	50.31	54.70	54.12
<b>2018</b>							
January	57.20	49.82	56.18	62.44	60.12	66.11	W
February	53.01	46.68	54.95	62.04	57.83	65.11	W
March	53.41	45.84	57.90	61.95	60.18	69.20	W
April	57.58	51.45	65.73	66.67	64.74	71.91	W
May	62.76	55.69	65.41	69.28	70.82	W	W
June	61.21	57.70	63.29	69.09	69.54	75.58	W
July	59.86	58.01	68.71	69.06	67.39	72.74	W
August	60.39	54.39	67.31	69.37	67.01	71.14	W
September	58.92	54.06	72.13	72.46	68.33	W	W
October	59.90	55.36	71.51	67.46	59.12	W	W
November	47.19	35.95	51.98	53.65	37.46	66.22	W
December	42.73	26.24	34.40	49.43	31.50	W	W
<b>2018</b>	56.23	49.53	62.26	64.43	58.85	70.85	W
<b>2019</b>							
January	48.25	42.98	50.46	55.65	47.02	57.38	W
February	53.25	50.48	58.00	59.15	52.95	W	W
March	55.51	53.31	60.10	R64.17	R57.03	W	W
April	R59.65	R57.29	R62.14	R66.70	R64.69	R71.65	W
May	61.17	58.22	60.22	66.61	66.08	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

**Table 24. Landed costs of imported crude oil by API gravity**

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
<b>2017</b>							
January	46.52	43.27	49.62	51.69	51.39	W	W
February	46.12	44.24	50.49	52.71	52.73	55.13	W
March	44.21	41.81	48.25	51.10	51.65	53.80	53.72
April	44.28	42.59	48.59	50.09	50.76	51.84	W
May	43.89	43.00	46.79	50.28	51.27	53.66	51.87
June	41.20	41.00	46.56	48.38	48.71	48.07	49.17
July	41.85	42.09	47.78	48.09	48.15	49.96	50.85
August	44.66	43.88	50.02	51.01	50.88	53.53	52.58
September	47.52	45.72	52.08	54.60	52.54	56.15	W
October	49.69	46.93	54.88	56.69	55.55	59.03	58.12
November	54.62	51.78	59.98	61.24	58.86	64.22	65.83
December	54.38	51.81	61.38	62.87	61.80	64.66	W
<b>2017</b>	46.51	44.75	51.46	53.12	52.48	55.74	55.70
<b>2018</b>							
January	58.31	53.07	62.54	64.41	61.62	68.66	69.67
February	54.33	49.87	61.17	64.31	65.10	66.22	68.83
March	54.30	48.32	61.15	65.40	62.69	67.41	W
April	59.96	52.58	65.46	69.52	68.10	70.77	W
May	65.28	58.51	70.58	71.21	72.86	75.40	W
June	64.58	60.28	67.84	71.14	69.85	76.54	W
July	62.24	60.25	69.86	72.16	69.74	74.18	76.47
August	62.13	57.72	67.62	71.79	69.54	72.53	W
September	62.05	56.28	69.02	72.70	70.87	75.57	W
October	63.58	54.78	66.37	69.02	63.34	77.21	W
November	47.22	36.31	57.21	58.86	45.90	68.42	W
December	45.94	26.44	52.69	50.99	37.95	65.68	W
<b>2018</b>	58.99	51.34	64.57	66.93	62.82	71.71	71.47
<b>2019</b>							
January	49.72	41.88	54.64	56.22	50.11	57.81	65.11
February	55.03	52.30	59.38	61.09	55.65	61.35	W
March	R57.67	R55.82	R61.24	R64.52	R60.98	63.21	W
April	R61.77	R60.43	R65.41	R68.06	R65.46	R71.06	R70.32
May	64.27	60.34	66.63	67.83	67.23	68.82	W

- = No data reported.

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R = Revised data.

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Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

**Table 25. Percentages of total imported crude oil by API gravity**  
percent by interval

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
<b>2017</b>							
January	16.05	43.19	8.84	23.07	8.10	W	W
February	14.94	42.19	8.04	23.23	7.71	W	W
March	15.78	39.44	8.08	26.54	5.99	1.25	2.92
April	15.21	43.07	7.54	21.93	9.02	W	W
May	17.09	38.96	11.04	20.33	8.31	1.85	2.42
June	18.76	41.44	9.14	19.98	7.01	1.40	2.27
July	17.96	36.93	13.79	19.68	7.08	2.19	2.38
August	19.77	39.42	9.53	18.00	8.56	2.31	2.41
September	19.59	35.45	8.96	23.72	7.29	W	W
October	21.94	39.17	11.64	16.25	7.43	1.85	1.72
November	19.54	39.06	10.21	21.74	6.24	1.26	1.94
December	14.54	41.58	11.58	21.30	5.52	W	W
<b>2017</b>	17.58	39.99	9.88	21.31	7.37	1.93	1.95
<b>2018</b>							
January	13.65	46.31	8.15	21.96	5.29	2.32	2.32
February	14.54	41.23	10.57	23.23	5.63	2.88	1.93
March	14.87	40.44	11.29	24.42	4.69	W	W
April	15.39	41.98	8.00	24.55	5.55	W	W
May	15.55	42.03	11.03	19.69	8.98	W	W
June	19.56	39.42	9.38	21.30	5.31	W	W
July	17.27	39.83	10.16	23.03	5.57	3.37	0.77
August	16.92	38.86	10.56	22.83	7.61	W	W
September	19.27	40.28	9.66	21.96	6.09	W	W
October	19.76	41.24	12.30	18.05	5.47	W	W
November	16.81	39.03	10.55	20.69	8.77	W	W
December	12.93	44.45	8.58	22.46	7.31	W	W
<b>2018</b>	16.36	41.28	9.99	22.06	6.34	2.49	1.49
<b>2019</b>							
January	15.77	38.04	11.31	23.50	8.09	1.46	1.82
February	8.71	44.08	12.08	22.51	8.66	W	W
March	R10.56	R41.61	R15.83	R21.04	R7.41	W	W
April	R9.46	R47.25	R8.48	R19.39	R10.58	R3.16	R1.67
May	15.75	43.19	8.59	17.56	11.61	W	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

**Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams**  
dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016	-	36.73	36.39	W	37.72
<b>2017</b>					
January	-	46.71	45.74	W	45.80
February	W	W	45.88	W	45.95
March	-	46.99	42.30	W	W
<b>1st quarter average</b>	W	47.09	44.76	W	44.72
April	-	W	44.54	W	W
May	-	W	44.98	W	W
June	-	W	42.07	W	W
<b>2nd quarter average</b>	-	44.27	43.74	W	44.88
July	-	W	44.33	W	W
August	-	W	46.40	-	W
September	-	W	48.11	W	-
<b>3rd quarter average</b>	-	W	45.93	W	W
October	-	W	49.01	-	W
November	-	W	54.73	-	W
December	-	W	55.32	W	-
<b>4th quarter average</b>	-	55.65	53.28	W	52.71
<b>2017</b>	W	49.10	46.82	W	45.62
<b>2018</b>					
January	-	W	59.05	-	W
February	-	W	56.82	-	-
March	-	59.95	56.98	-	-
<b>1st quarter average</b>	-	60.11	57.49	-	W
April	-	64.98	57.87	-	W
May	-	68.23	63.55	-	-
June	-	W	64.61	-	-
<b>2nd quarter average</b>	-	66.48	62.28	-	W
July	-	W	66.35	-	W
August	-	W	63.27	-	W
September	-	W	68.34	-	W
<b>3rd quarter average</b>	-	68.98	66.00	-	W
October	-	-	74.38	-	W
November	-	W	64.73	-	-
December	-	W	52.75	-	-
<b>4th quarter average</b>	-	58.16	66.48	-	W
<b>2018</b>	-	63.19	63.02	-	W
<b>2019</b>					
January	-	W	55.42	-	-
February	-	W	59.35	-	-
March	-	W	61.54	-	-
<b>1st quarter average</b>	-	W	58.80	-	-
April	-	W	R64.15	-	-
May	-	W	62.85	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

**Table 27. Landed costs of imported crude oil for selected crude streams**  
dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
<b>2017</b>					
January	-	-	41.70	48.94	W
February	W	-	43.43	50.94	W
March	W	W	39.96	47.85	-
<b>1st quarter average</b>	W	W	41.57	48.98	W
April	W	W	40.36	48.77	-
May	53.31	-	42.47	48.62	-
June	W	-	40.38	45.23	-
<b>2nd quarter average</b>	51.76	W	41.10	47.52	-
July	W	W	41.14	45.27	-
August	W	W	42.45	47.44	-
September	W	-	44.26	48.17	W
<b>3rd quarter average</b>	W	W	42.63	47.07	W
October	-	-	44.60	51.49	W
November	W	-	50.88	57.58	W
December	64.88	-	49.51	57.99	-
<b>4th quarter average</b>	65.06	-	47.66	56.11	W
<b>2017</b>	54.96	50.40	43.02	50.08	42.28
<b>2018</b>					
January	70.13	-	45.68	57.22	W
February	W	W	38.64	60.89	W
March	W	W	39.89	59.46	-
<b>1st quarter average</b>	68.55	W	41.88	58.42	W
April	W	-	43.61	63.00	W
May	W	-	53.66	65.07	W
June	W	-	55.69	61.96	-
<b>2nd quarter average</b>	75.40	-	51.89	63.32	W
July	73.97	-	56.25	67.99	-
August	74.53	-	52.40	65.31	-
September	W	-	45.23	62.05	-
<b>3rd quarter average</b>	74.55	-	51.15	64.81	-
October	W	-	44.12	59.11	-
November	W	-	18.36	45.37	-
December	W	-	10.44	31.68	W
<b>4th quarter average</b>	70.74	-	26.06	43.19	W
<b>2018</b>	72.51	W	42.83	57.93	W
<b>2019</b>					
January	-	-	32.02	46.30	W
February	W	-	48.27	48.42	-
March	W	-	52.21	56.72	W
<b>1st quarter average</b>	W	-	43.75	50.56	W
April	W	-	56.67	R61.22	W
May	W	-	56.50	60.10	-

See footnotes at end of table.

**Table 27. Landed costs of imported crude oil for selected crude streams (cont.)**

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
<b>2017</b>					
January	51.02	W	48.34	46.58	-
February	W	W	50.16	46.55	-
March	49.90	46.39	48.28	43.12	-
<b>1st quarter average</b>	50.39	47.12	48.89	45.54	-
April	49.89	49.17	47.51	44.90	-
May	47.80	44.72	46.06	45.60	W
June	45.70	W	45.87	42.50	-
<b>2nd quarter average</b>	47.85	45.00	46.45	44.23	W
July	46.85	W	47.30	45.15	-
August	49.26	47.76	49.83	46.91	-
September	51.57	48.06	51.27	49.67	-
<b>3rd quarter average</b>	49.31	45.95	49.24	46.95	-
October	54.53	54.93	53.10	50.26	-
November	60.82	W	58.61	55.48	-
December	62.10	60.50	60.05	56.04	-
<b>4th quarter average</b>	60.14	58.14	57.23	54.05	-
<b>2017</b>	51.93	49.18	50.73	47.87	W
<b>2018</b>					
January	66.34	W	64.01	59.90	-
February	65.05	W	60.97	57.42	-
March	63.11	60.38	61.65	57.11	-
<b>1st quarter average</b>	65.06	60.72	62.05	58.24	-
April	68.05	63.50	65.78	58.58	-
May	73.52	W	69.98	64.17	-
June	71.04	66.83	69.31	65.46	-
<b>2nd quarter average</b>	70.28	65.56	68.13	63.22	-
July	74.01	68.84	70.02	66.89	-
August	70.12	67.85	68.65	64.21	-
September	W	68.28	72.38	69.88	-
<b>3rd quarter average</b>	72.42	68.30	70.26	66.80	-
October	77.96	69.48	61.55	75.19	-
November	67.51	61.44	63.76	65.12	-
December	56.45	53.47	58.25	53.87	-
<b>4th quarter average</b>	64.19	60.95	61.29	65.99	-
<b>2018</b>	67.94	65.09	65.43	63.62	-
<b>2019</b>					
January	57.97	50.60	57.15	56.19	-
February	62.01	W	59.71	60.36	-
March	W	W	R63.17	R62.40	-
<b>1st quarter average</b>	60.53	52.95	R59.94	R59.85	-
April	W	W	66.70	R64.75	-
May	69.55	67.52	67.27	63.48	-

See footnotes at end of table.

**Table 27. Landed costs of imported crude oil for selected crude streams (cont.)**

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
<b>2017</b>					
January	W	51.78	49.33	51.41	47.49
February	W	52.91	50.81	53.95	47.09
March	W	50.62	49.73	51.23	43.92
<b>1st quarter average</b>	W	51.58	49.90	52.17	46.25
April	W	50.42	49.05	51.78	46.49
May	W	48.91	48.31	51.28	W
June	W	47.76	47.55	50.19	43.21
<b>2nd quarter average</b>	W	49.17	48.28	51.22	45.96
July	W	48.58	47.13	W	W
August	-	W	50.62	W	W
September	W	55.51	54.39	W	W
<b>3rd quarter average</b>	W	52.15	50.96	W	W
October	-	W	58.14	W	W
November	-	62.41	60.95	W	W
December	W	63.85	61.88	66.30	W
<b>4th quarter average</b>	W	62.24	60.12	64.36	53.18
<b>2017</b>	W	53.27	51.60	52.68	47.38
<b>2018</b>					
January	W	65.72	62.32	W	W
February	W	65.47	64.58	66.71	W
March	-	66.73	66.64	W	W
<b>1st quarter average</b>	W	65.98	64.62	67.76	W
April	W	69.16	70.16	69.08	W
May	-	71.59	70.47	W	W
June	-	72.30	71.03	74.50	-
<b>2nd quarter average</b>	W	70.95	70.51	72.38	64.47
July	-	72.63	71.91	74.41	W
August	-	73.60	72.30	73.88	W
September	-	72.45	71.44	75.91	W
<b>3rd quarter average</b>	-	72.83	71.97	74.65	W
October	-	75.50	69.25	77.42	W
November	-	65.22	65.40	71.69	W
December	-	60.43	58.86	61.95	-
<b>4th quarter average</b>	-	67.29	65.62	70.71	64.43
<b>2018</b>	W	69.40	68.78	71.81	63.24
<b>2019</b>					
January	-	61.38	62.60	W	-
February	-	66.56	67.46	W	W
March	-	R68.93	R66.42	R66.94	-
<b>1st quarter average</b>	-	R64.87	R65.38	R62.49	W
April	-	W	W	R71.31	-
May	W	W	W	W	-

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Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

# Prices of Petroleum Products

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state**  
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
<b>United States</b>												
May 2019	2.438	2.118	2.061	2.825	2.413	2.268	3.068	NA	2.465	2.527	2.139	2.110
April 2019	2.405	2.133	2.091	2.769	2.370	2.306	3.012	NA	2.483	2.492	2.159	2.138
May 2018	2.422	2.221	2.162	2.736	NA	2.358	2.952	NA	2.521	2.498	2.243	2.205
<b>PAD District 1</b>												
May 2019	2.216	W	1.924	2.481	W	2.108	2.707	W	2.268	2.288	W	1.966
April 2019	2.194	W	1.970	2.454	W	2.156	2.658	W	2.293	2.263	W	2.008
May 2018	2.276	W	2.103	2.530	W	2.296	2.746	W	2.442	2.343	W	2.145
<b>Subdistrict 1A</b>												
May 2019	W	W	2.024	W	-	2.195	W	-	2.310	W	W	2.064
April 2019	W	W	2.005	W	-	2.144	W	-	2.263	W	W	2.039
May 2018	W	W	2.174	W	-	2.301	W	-	2.437	W	W	2.210
<b>Connecticut</b>												
May 2019	-	W	2.022	-	-	2.152	-	-	2.330	-	W	2.069
April 2019	-	W	2.003	-	-	2.139	-	-	2.289	-	W	2.045
May 2018	-	W	2.181	-	-	2.296	-	-	2.473	-	W	2.225
<b>Maine</b>												
May 2019	-	-	2.063	-	-	W	-	-	2.403	-	-	2.091
April 2019	-	-	2.049	-	-	W	-	-	2.371	-	-	2.070
May 2018	-	-	2.193	-	-	W	-	-	W	-	-	2.218
<b>Massachusetts</b>												
May 2019	W	-	2.006	W	-	2.102	W	-	2.250	W	-	2.041
April 2019	W	-	1.985	W	-	2.018	W	-	2.195	W	-	2.013
May 2018	W	-	2.168	W	-	2.275	W	-	2.371	W	-	2.196
<b>New Hampshire</b>												
May 2019	W	-	W	W	-	-	W	-	W	W	-	W
April 2019	W	-	W	W	-	-	W	-	W	W	-	W
May 2018	W	-	W	W	-	-	W	-	W	W	-	W
<b>Rhode Island</b>												
May 2019	W	-	2.046	W	-	W	W	-	W	W	-	2.083
April 2019	W	-	2.019	W	-	W	W	-	W	W	-	2.054
May 2018	W	-	W	W	-	W	W	-	2.394	W	-	2.195
<b>Vermont</b>												
May 2019	-	-	1.962	-	-	W	-	-	2.313	-	-	W
April 2019	-	-	1.969	-	-	W	-	-	2.292	-	-	W
May 2018	-	-	2.136	-	-	W	-	-	2.437	-	-	W
<b>Subdistrict 1B</b>												
May 2019	2.311	-	1.979	2.544	-	2.109	2.746	-	2.304	2.385	-	2.020
April 2019	2.233	-	1.974	2.481	-	2.105	2.661	-	2.249	2.308	-	2.008
May 2018	2.315	W	2.133	2.553	-	2.267	2.747	W	2.399	2.389	W	2.167
<b>Delaware</b>												
May 2019	W	-	1.998	W	-	2.143	W	-	2.288	W	-	2.028
April 2019	W	-	1.970	W	-	2.114	W	-	2.213	W	-	1.994
May 2018	W	-	2.143	W	-	2.253	W	-	2.331	W	-	2.163
<b>District of Columbia</b>												
May 2019	-	-	-	-	-	-	-	-	-	-	-	-
April 2019	-	-	-	-	-	-	-	-	-	-	-	-
May 2018	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>												
May 2019	-	-	1.981	-	-	2.073	-	-	2.265	-	-	2.023
April 2019	-	-	1.998	-	-	2.102	-	-	2.222	-	-	2.029
May 2018	-	-	2.163	-	-	2.253	-	-	2.407	-	-	2.199
<b>New Jersey</b>												
May 2019	W	-	1.973	W	-	2.083	W	-	2.267	W	-	2.008
April 2019	W	-	1.959	W	-	2.058	W	-	2.205	W	-	1.988
May 2018	W	-	2.128	W	-	2.249	W	-	2.362	W	-	2.157
<b>New York</b>												
May 2019	2.373	-	2.018	2.590	-	2.254	2.789	-	2.377	2.446	-	2.078
April 2019	2.284	-	1.989	2.521	-	2.236	2.697	-	2.318	2.359	-	2.042
May 2018	2.341	-	2.151	2.564	-	2.379	2.755	-	2.472	2.415	-	2.205
<b>Pennsylvania</b>												
May 2019	W	-	1.947	W	-	2.121	W	-	2.277	W	-	1.976
April 2019	W	-	1.966	W	-	2.082	W	-	2.238	W	-	1.990
May 2018	W	W	2.104	W	-	2.247	W	W	2.336	W	W	2.126

See footnotes at end of table.

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)**  
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
<b>Subdistrict 1C</b>												
May 2019	W	W	1.880	W	W	2.102	W	W	2.238	W	W	1.922
April 2019	W	W	1.962	W	W	2.168	W	W	2.326	W	W	2.004
May 2018	W	W	2.076	W	W	2.304	W	W	2.473	W	W	2.124
<b>Florida</b>												
May 2019	W	1.946	1.884	W	-	2.098	W	NA	2.197	W	1.949	1.923
April 2019	W	2.060	1.975	W	-	2.186	W	W	2.314	W	2.063	2.018
May 2018	W	2.145	2.088	W	-	2.339	W	W	2.485	W	2.149	2.140
<b>Georgia</b>												
May 2019	W	W	1.857	W	-	2.044	W	-	2.262	W	W	1.901
April 2019	W	W	1.932	W	-	2.097	W	-	2.333	W	W	1.976
May 2018	W	W	2.051	W	-	2.233	W	-	2.469	W	W	2.100
<b>North Carolina</b>												
May 2019	W	W	1.854	W	-	2.119	W	W	2.230	W	W	1.900
April 2019	W	W	1.942	W	-	2.187	W	W	2.328	W	W	1.986
May 2018	W	W	2.053	W	-	2.313	W	W	2.468	W	W	2.102
<b>South Carolina</b>												
May 2019	W	W	1.857	W	W	2.122	W	W	2.262	W	W	1.896
April 2019	W	W	1.938	W	W	2.162	W	W	2.336	W	W	1.976
May 2018	W	W	2.038	W	W	2.342	W	W	2.462	W	W	2.081
<b>Virginia</b>												
May 2019	-	W	1.939	-	-	2.102	-	W	2.295	-	W	1.983
April 2019	-	-	2.013	-	-	2.155	-	-	2.340	-	-	2.054
May 2018	-	-	2.135	-	-	2.273	-	-	2.466	-	-	2.176
<b>West Virginia</b>												
May 2019	W	-	1.934	W	-	2.155	W	-	2.285	W	-	1.956
April 2019	W	W	1.983	W	-	2.157	W	-	2.339	W	W	2.003
May 2018	W	W	2.094	W	-	2.299	W	-	2.444	W	W	2.116
<b>PAD District 2</b>												
May 2019	W	2.177	1.984	W	W	2.122	W	W	2.369	W	2.191	2.018
April 2019	W	2.050	2.003	W	W	2.142	W	W	2.364	W	2.070	2.033
May 2018	W	2.166	2.094	2.599	W	2.236	W	2.541	2.465	W	2.189	2.127
<b>Illinois</b>												
May 2019	W	2.212	2.117	W	-	2.223	W	W	2.590	W	2.199	2.162
April 2019	W	2.233	2.101	W	-	2.228	W	-	2.492	W	2.233	2.139
May 2018	W	2.280	2.162	W	-	2.301	W	-	2.558	W	2.280	2.202
<b>Indiana</b>												
May 2019	W	W	2.010	W	-	2.214	W	-	2.445	W	W	2.041
April 2019	W	W	2.006	W	-	2.191	W	W	2.393	W	W	2.034
May 2018	W	W	2.089	W	-	2.277	W	-	2.523	W	W	2.119
<b>Iowa</b>												
May 2019	-	-	1.970	-	-	2.087	-	-	2.285	-	-	2.005
April 2019	-	W	2.006	-	-	2.125	-	-	2.353	-	W	2.043
May 2018	-	W	2.094	-	-	2.205	-	-	2.413	-	W	2.131
<b>Kansas</b>												
May 2019	W	W	1.940	W	W	2.066	-	-	2.193	W	W	1.967
April 2019	W	W	1.968	W	W	2.082	-	-	2.210	W	W	1.993
May 2018	W	W	2.056	W	W	2.179	-	-	2.298	W	W	2.078
<b>Kentucky</b>												
May 2019	W	W	1.977	W	-	2.175	W	W	2.394	W	W	2.001
April 2019	W	W	2.002	W	-	2.200	W	W	2.395	W	W	2.024
May 2018	W	W	2.129	W	W	2.317	W	W	2.534	W	W	2.153
<b>Michigan</b>												
May 2019	W	W	1.978	W	-	2.333	W	W	2.476	W	W	2.009
April 2019	W	W	1.987	W	-	2.289	W	W	2.439	W	W	2.012
May 2018	W	W	2.102	W	-	2.350	W	W	2.627	W	W	2.136
<b>Minnesota</b>												
May 2019	W	W	1.967	W	W	2.066	W	W	2.235	W	W	1.996
April 2019	W	W	1.983	W	W	2.073	W	W	2.226	W	W	2.006
May 2018	W	W	2.073	W	W	2.157	W	W	2.346	W	W	2.105
<b>Missouri</b>												
May 2019	-	W	1.990	-	-	2.130	-	-	2.306	-	W	2.017
April 2019	-	W	2.028	-	-	2.161	-	-	2.341	-	W	2.052
May 2018	-	W	2.102	-	-	2.204	-	-	2.409	-	W	2.127

See footnotes at end of table.

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)**  
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades						
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale				
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]					
<b>PAD District 2 (cont.)</b>																
<b>Nebraska</b>																
May 2019	W	W	1.979	W	-	2.084	-	-	2.298	W	W	2.010				
April 2019	W	W	2.018	W	-	2.114	-	-	2.343	W	W	2.046				
May 2018	W	W	2.093	W	-	2.225	-	-	2.385	W	W	2.124				
<b>North Dakota</b>																
May 2019	W	W	1.981	W	W	2.084	W	W	2.338	W	W	2.018				
April 2019	W	W	2.019	W	W	2.121	W	W	2.354	W	W	2.051				
May 2018	W	W	2.156	W	W	2.283	W	W	2.535	W	W	2.195				
<b>Ohio</b>																
May 2019	W	W	1.968	W	-	2.213	W	W	2.443	W	W	2.001				
April 2019	W	W	1.959	W	-	2.184	W	W	2.392	W	W	1.989				
May 2018	W	W	2.077	W	-	2.332	W	W	2.557	W	W	2.111				
<b>Oklahoma</b>																
May 2019	W	W	1.971	W	-	2.141	W	-	2.188	W	W	1.999				
April 2019	W	W	2.013	W	-	2.186	W	-	2.260	W	W	2.045				
May 2018	W	W	2.084	W	-	2.251	W	-	2.305	W	W	2.111				
<b>South Dakota</b>																
May 2019	W	W	1.979	W	W	2.069	W	W	2.324	W	W	2.010				
April 2019	W	W	2.004	W	W	2.102	W	-	2.342	W	W	2.034				
May 2018	W	W	2.070	W	W	2.158	W	W	2.394	W	W	2.100				
<b>Tennessee</b>																
May 2019	W	W	1.852	W	-	2.016	W	NA	2.198	W	W	1.884				
April 2019	W	W	1.939	W	-	2.093	W	W	2.296	W	W	1.971				
May 2018	W	W	2.035	W	-	2.200	W	W	2.400	W	W	2.069				
<b>Wisconsin</b>																
May 2019	W	W	2.040	W	W	2.176	W	W	2.515	W	W	2.081				
April 2019	W	W	2.045	W	W	2.170	W	W	2.484	W	W	2.077				
May 2018	W	W	2.108	W	-	2.235	W	W	2.517	W	W	2.148				
<b>PAD District 3</b>																
May 2019	2.297	NA	1.929	2.607	2.477	2.099	2.827	NA	2.227	2.361	NA	1.956				
April 2019	2.253	2.039	1.978	2.545	W	2.139	2.782	NA	2.266	2.316	2.094	2.005				
May 2018	2.497	2.173	2.098	2.729	W	2.251	2.966	2.399	2.385	2.554	2.204	2.124				
<b>Alabama</b>																
May 2019	W	W	1.851	W	-	2.110	W	W	2.282	W	W	1.888				
April 2019	-	W	1.926	-	-	2.185	-	W	2.356	-	W	1.964				
May 2018	-	W	2.039	-	-	2.296	-	W	2.472	-	W	2.079				
<b>Arkansas</b>																
May 2019	-	-	1.906	-	-	2.074	-	-	2.228	-	-	1.932				
April 2019	-	-	1.962	-	-	2.126	-	-	2.292	-	-	1.989				
May 2018	-	-	2.064	-	-	2.238	-	-	2.371	-	-	2.088				
<b>Louisiana</b>																
May 2019	-	W	1.857	-	-	1.996	-	-	2.119	-	W	1.877				
April 2019	-	W	1.932	-	-	2.078	-	-	2.224	-	W	1.956				
May 2018	-	W	2.046	-	-	2.182	-	-	2.324	-	W	2.072				
<b>Mississippi</b>																
May 2019	-	-	1.902	-	-	2.061	-	-	2.250	-	-	1.923				
April 2019	-	-	1.958	-	-	2.138	-	-	2.356	-	-	1.978				
May 2018	-	-	2.038	-	-	2.207	-	-	2.452	-	-	2.058				
<b>New Mexico</b>																
May 2019	2.395	W	2.073	2.675	W	2.253	2.862	W	2.410	2.461	W	2.115				
April 2019	2.392	W	2.067	2.638	-	2.250	W	W	2.425	2.457	W	2.110				
May 2018	2.476	W	2.248	2.672	-	2.415	W	W	2.577	2.533	W	2.288				
<b>Texas</b>																
May 2019	W	W	1.955	W	W	2.097	W	W	2.228	W	W	1.982				
April 2019	W	W	1.994	W	W	2.123	W	W	2.249	W	W	2.020				
May 2018	W	W	2.118	W	W	2.240	W	W	2.373	W	W	2.142				

See footnotes at end of table.

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)**  
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
<b>PAD District 4</b>												
May 2019	W	2.308	2.234	W	W	2.479	3.009	W	2.589	W	2.390	2.299
April 2019	W	2.186	2.051	W	W	2.270	2.743	W	2.390	W	2.273	2.114
May 2018	W	2.319	2.250	2.683	W	2.441	2.978	W	2.600	W	2.410	2.313
<b>Colorado</b>												
May 2019	W	2.343	2.167	2.720	W	2.352	W	W	2.562	2.589	2.368	2.239
April 2019	W	2.250	2.047	2.538	W	2.213	W	W	2.446	2.426	2.280	2.119
May 2018	W	2.380	2.188	2.668	W	2.345	W	W	2.585	2.536	2.410	2.257
<b>Idaho</b>												
May 2019	W	W	2.399	W	W	2.638	W	NA	2.667	W	W	2.439
April 2019	W	W	2.129	W	W	2.358	W	W	2.384	W	W	2.167
May 2018	W	W	2.362	W	W	2.455	W	W	2.601	W	W	2.397
<b>Montana</b>												
May 2019	W	W	2.120	W	W	2.254	W	W	2.575	W	W	2.194
April 2019	W	W	2.025	W	W	W	W	W	2.473	W	W	2.097
May 2018	W	W	2.163	W	W	W	W	W	2.636	W	W	2.243
<b>Utah</b>												
May 2019	W	W	2.383	W	W	2.698	W	-	2.645	W	W	2.443
April 2019	W	W	2.071	W	W	2.348	W	-	2.317	W	W	2.128
May 2018	W	W	2.382	W	W	2.670	W	-	2.625	W	W	2.437
<b>Wyoming</b>												
May 2019	W	W	2.064	W	-	2.169	W	-	2.416	W	W	2.115
April 2019	W	W	1.933	W	-	2.089	W	-	W	W	W	1.986
May 2018	W	W	2.129	W	-	2.190	W	-	W	W	W	2.185
<b>PAD District 5</b>												
May 2019	3.094	2.591	2.553	3.350	2.783	2.731	3.488	NA	2.831	3.186	2.608	2.606
April 2019	3.009	NA	2.595	3.258	NA	2.766	3.395	NA	2.877	3.100	NA	2.649
May 2018	2.809	2.608	2.431	3.003	2.760	2.602	3.129	2.858	2.696	2.886	2.633	2.481
<b>Alaska</b>												
May 2019	W	W	W	W	-	W	W	W	2.917	W	W	W
April 2019	W	W	W	W	-	W	W	W	2.748	W	W	W
May 2018	W	W	W	W	-	W	W	W	2.801	W	W	W
<b>Arizona</b>												
May 2019	W	W	2.285	W	W	NA	W	W	2.574	W	W	2.321
April 2019	W	W	2.322	W	W	2.574	W	W	2.589	W	W	2.356
May 2018	W	W	2.345	W	W	2.562	W	W	2.585	W	W	2.376
<b>California</b>												
May 2019	3.236	2.731	2.688	3.427	W	2.813	3.558	-	2.916	3.318	2.740	2.736
April 2019	3.168	2.809	2.776	3.347	-	2.908	3.471	-	2.998	3.246	2.809	2.824
May 2018	2.856	W	2.496	3.040	W	2.624	3.149	-	2.734	2.934	W	2.546
<b>Hawaii</b>												
May 2019	W	W	W	W	W	W	W	W	W	W	W	W
April 2019	W	W	W	W	W	W	W	W	W	W	W	W
May 2018	W	W	W	W	W	W	W	W	W	W	W	W
<b>Nevada</b>												
May 2019	W	W	2.445	W	-	NA	W	-	2.682	W	W	2.494
April 2019	W	W	2.379	W	-	2.502	W	-	2.592	W	W	2.421
May 2018	W	W	2.358	W	-	2.545	W	-	2.595	W	W	2.407
<b>Oregon</b>												
May 2019	2.898	-	2.397	3.069	-	2.582	3.181	-	2.692	2.943	-	2.435
April 2019	2.768	-	2.349	2.949	-	2.563	3.063	-	2.660	2.815	-	2.389
May 2018	2.740	-	2.342	2.916	-	2.529	3.026	-	2.622	2.785	-	2.378
<b>Washington</b>												
May 2019	2.733	W	2.370	2.949	W	2.619	3.111	W	2.710	2.789	W	2.427
April 2019	2.605	W	2.324	2.807	W	2.546	2.984	W	2.646	2.661	W	2.378
May 2018	2.586	W	2.335	2.813	W	2.562	2.944	W	2.658	2.642	W	2.389

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state**  
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
May 2019	W	3.021	2.141	2.062	W	2.057
April 2019	W	3.100	2.063	2.022	W	2.073
May 2018	W	3.181	2.221	2.175	3.219	2.205
<b>PAD District 1</b>						
May 2019	W	3.087	2.082	2.062	W	2.118
April 2019	W	3.156	2.035	2.031	W	2.211
May 2018	W	3.243	2.238	2.228	3.187	W
<b>Subdistrict 1A</b>						
May 2019	W	W	2.162	2.093	W	-
April 2019	-	W	2.105	2.053	W	W
May 2018	W	W	2.329	2.259	W	-
<b>Connecticut</b>						
May 2019	-	-	W	W	-	-
April 2019	-	-	W	W	-	W
May 2018	-	-	W	W	-	-
<b>Maine</b>						
May 2019	W	W	W	W	-	-
April 2019	-	W	W	W	-	-
May 2018	W	W	W	W	-	-
<b>Massachusetts</b>						
May 2019	-	-	W	2.086	W	-
April 2019	-	-	W	2.047	W	-
May 2018	-	-	W	2.254	W	-
<b>New Hampshire</b>						
May 2019	-	-	W	W	W	-
April 2019	-	-	W	W	W	-
May 2018	-	-	W	W	W	-
<b>Rhode Island</b>						
May 2019	-	-	W	W	W	-
April 2019	-	-	W	W	W	-
May 2018	-	-	W	W	W	-
<b>Vermont</b>						
May 2019	-	-	W	W	-	-
April 2019	-	-	W	W	-	-
May 2018	W	-	W	W	-	-
<b>Subdistrict 1B</b>						
May 2019	-	3.227	2.091	2.052	3.150	2.112
April 2019	W	3.238	2.032	2.019	3.151	2.201
May 2018	W	3.357	2.240	2.216	3.197	W
<b>Delaware</b>						
May 2019	-	-	-	W	W	-
April 2019	-	-	-	-	W	-
May 2018	-	-	-	W	W	-
<b>District of Columbia</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>Maryland</b>						
May 2019	-	-	W	W	-	W
April 2019	-	-	W	W	-	W
May 2018	-	-	W	2.148	-	W
<b>New Jersey</b>						
May 2019	-	-	2.076	2.063	W	W
April 2019	-	-	2.022	2.023	W	W
May 2018	-	W	2.234	2.217	W	W
<b>New York</b>						
May 2019	-	W	2.104	2.146	W	W
April 2019	-	W	2.044	2.079	W	2.225
May 2018	W	W	2.253	2.289	W	2.375
<b>Pennsylvania</b>						
May 2019	-	W	W	2.031	3.043	W
April 2019	W	W	W	2.011	2.987	W
May 2018	-	W	W	2.215	3.347	W

See footnotes at end of table.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)**  
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
May 2019	W	3.041	2.071	2.081	W	W
April 2019	W	3.132	2.034	2.057	W	2.372
May 2018	W	3.194	2.228	2.244	W	W
<b>Florida</b>						
May 2019	-	3.011	2.075	2.087	W	-
April 2019	-	3.100	2.044	2.062	W	-
May 2018	-	3.134	2.239	2.250	W	-
<b>Georgia</b>						
May 2019	W	W	W	2.069	-	-
April 2019	W	W	W	2.027	-	W
May 2018	W	W	W	2.240	-	W
<b>North Carolina</b>						
May 2019	-	W	W	W	W	W
April 2019	-	W	W	2.050	W	W
May 2018	-	W	W	W	W	W
<b>South Carolina</b>						
May 2019	-	-	W	2.078	W	W
April 2019	-	-	W	2.029	W	W
May 2018	-	-	W	2.227	W	W
<b>Virginia</b>						
May 2019	-	W	2.048	W	-	-
April 2019	-	W	2.003	W	-	-
May 2018	-	W	2.189	W	-	-
<b>West Virginia</b>						
May 2019	-	-	-	W	W	-
April 2019	-	-	W	W	W	-
May 2018	-	-	W	W	W	-
<b>PAD District 2</b>						
May 2019	W	2.994	2.064	2.045	W	2.650
April 2019	W	3.068	2.037	2.032	W	2.790
May 2018	W	3.170	2.203	2.204	W	2.873
<b>Illinois</b>						
May 2019	W	3.168	2.069	W	W	W
April 2019	W	W	2.050	W	W	W
May 2018	W	W	2.230	W	W	W
<b>Indiana</b>						
May 2019	-	-	2.047	2.049	W	W
April 2019	-	-	2.014	2.033	W	W
May 2018	-	-	2.170	2.185	W	W
<b>Iowa</b>						
May 2019	-	-	W	2.098	-	-
April 2019	-	-	W	2.091	-	-
May 2018	-	-	W	2.262	-	W
<b>Kansas</b>						
May 2019	W	W	W	W	-	W
April 2019	W	W	W	W	-	W
May 2018	W	W	W	W	-	W
<b>Kentucky</b>						
May 2019	-	W	2.060	2.058	W	W
April 2019	-	W	2.026	W	W	W
May 2018	W	W	2.188	W	W	W
<b>Michigan</b>						
May 2019	-	-	W	2.021	W	W
April 2019	-	-	W	1.993	W	W
May 2018	-	-	W	2.166	W	W
<b>Minnesota</b>						
May 2019	W	W	2.079	2.027	W	W
April 2019	W	W	2.049	2.027	W	W
May 2018	W	W	W	W	W	W
<b>Missouri</b>						
May 2019	W	-	W	W	-	-
April 2019	W	W	W	W	-	-
May 2018	W	-	W	W	-	-

See footnotes at end of table.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)**  
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
May 2019	W	-	W	W	-	-
April 2019	W	-	W	W	-	-
May 2018	W	-	W	W	-	-
<b>North Dakota</b>						
May 2019	-	-	W	W	W	-
April 2019	-	-	W	W	W	-
May 2018	-	-	W	W	W	-
<b>Ohio</b>						
May 2019	-	-	2.107	2.013	W	W
April 2019	-	-	2.060	2.005	W	W
May 2018	W	W	2.247	2.174	W	W
<b>Oklahoma</b>						
May 2019	W	-	W	2.061	-	W
April 2019	-	-	W	2.064	-	W
May 2018	W	-	W	2.217	-	W
<b>South Dakota</b>						
May 2019	-	-	W	-	-	-
April 2019	-	-	W	-	-	-
May 2018	-	-	W	-	-	-
<b>Tennessee</b>						
May 2019	-	W	W	2.073	W	W
April 2019	-	W	W	2.023	W	W
May 2018	W	W	W	2.213	W	W
<b>Wisconsin</b>						
May 2019	-	-	2.082	W	W	-
April 2019	-	-	2.058	W	W	W
May 2018	-	-	W	W	W	W
<b>PAD District 3</b>						
May 2019	W	2.772	2.076	2.001	-	2.040
April 2019	W	2.921	2.006	1.970	-	W
May 2018	W	2.936	2.206	2.126	-	W
<b>Alabama</b>						
May 2019	-	W	2.068	2.066	-	W
April 2019	-	W	2.042	2.024	-	W
May 2018	-	W	NA	2.206	-	W
<b>Arkansas</b>						
May 2019	-	W	W	2.091	-	-
April 2019	-	W	W	2.135	-	-
May 2018	W	-	W	2.237	-	-
<b>Louisiana</b>						
May 2019	-	2.853	2.027	1.995	-	W
April 2019	-	2.967	1.981	1.968	-	W
May 2018	W	3.034	2.177	2.099	-	W
<b>Mississippi</b>						
May 2019	-	W	1.996	1.997	-	-
April 2019	-	W	1.984	1.949	-	-
May 2018	-	W	2.161	2.123	-	-
<b>New Mexico</b>						
May 2019	W	-	W	W	-	-
April 2019	W	-	W	W	-	-
May 2018	W	-	W	W	-	-
<b>Texas</b>						
May 2019	W	W	2.115	2.002	-	W
April 2019	-	2.920	2.015	1.973	-	2.417
May 2018	W	W	2.218	2.138	-	2.662

See footnotes at end of table.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)**  
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
May 2019	W	W	2.197	2.161	-	-
April 2019	W	W	2.191	2.096	-	-
May 2018	W	W	2.260	2.242	-	-
<b>Colorado</b>						
May 2019	W	-	2.044	2.079	-	-
April 2019	W	-	2.066	2.052	-	-
May 2018	W	-	2.217	2.202	-	-
<b>Idaho</b>						
May 2019	-	-	W	2.416	-	-
April 2019	-	-	W	W	-	-
May 2018	-	-	W	2.391	-	-
<b>Montana</b>						
May 2019	W	W	W	W	-	-
April 2019	W	W	W	W	-	-
May 2018	-	W	W	W	-	-
<b>Utah</b>						
May 2019	-	W	2.309	2.368	-	-
April 2019	-	W	2.247	W	-	-
May 2018	W	W	2.247	NA	-	-
<b>Wyoming</b>						
May 2019	-	-	W	W	-	-
April 2019	-	-	W	W	-	-
May 2018	-	-	W	W	-	-
<b>PAD District 5</b>						
May 2019	W	3.128	2.228	2.216	-	W
April 2019	W	3.355	2.106	2.108	-	W
May 2018	W	3.435	2.228	2.213	-	W
<b>Alaska</b>						
May 2019	W	W	W	W	-	-
April 2019	W	W	W	W	-	-
May 2018	W	W	W	W	-	-
<b>Arizona</b>						
May 2019	W	W	W	2.262	-	-
April 2019	W	W	W	2.133	-	-
May 2018	W	W	2.268	2.251	-	-
<b>California</b>						
May 2019	-	W	2.239	2.208	-	W
April 2019	W	3.311	2.110	2.103	-	W
May 2018	W	3.391	2.211	2.197	-	W
<b>Hawaii</b>						
May 2019	-	-	W	NA	-	-
April 2019	-	-	W	W	-	-
May 2018	-	W	W	W	-	-
<b>Nevada</b>						
May 2019	-	-	W	W	-	-
April 2019	-	-	W	W	-	-
May 2018	-	-	W	W	-	-
<b>Oregon</b>						
May 2019	-	3.454	2.294	W	-	-
April 2019	-	3.508	2.142	W	-	-
May 2018	-	3.478	W	W	-	-
<b>Washington</b>						
May 2019	-	W	2.240	2.232	-	-
April 2019	-	W	2.101	2.122	-	-
May 2018	-	W	2.222	2.235	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

**Table 33. Refiner prices of distillate fuels by PAD District and state**  
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
May 2019	NA	2.458	2.275	2.102	-	W
April 2019	2.563	2.343	2.260	2.095	-	W
May 2018	W	2.606	2.368	2.254	-	W
<b>PAD District 1</b>						
May 2019	-	2.551	2.299	2.058	-	-
April 2019	-	W	2.286	2.064	-	-
May 2018	-	W	2.431	2.225	-	-
<b>Subdistrict 1A</b>						
May 2019	-	-	W	2.058	-	-
April 2019	-	-	W	2.062	-	-
May 2018	-	-	W	2.259	-	-
<b>Connecticut</b>						
May 2019	-	-	W	2.048	-	-
April 2019	-	-	W	2.056	-	-
May 2018	-	-	W	2.258	-	-
<b>Maine</b>						
May 2019	-	-	-	2.103	-	-
April 2019	-	-	-	2.126	-	-
May 2018	-	-	-	W	-	-
<b>Massachusetts</b>						
May 2019	-	-	W	2.092	-	-
April 2019	-	-	W	2.098	-	-
May 2018	-	-	W	2.260	-	-
<b>New Hampshire</b>						
May 2019	-	-	W	W	-	-
April 2019	-	-	W	W	-	-
May 2018	-	-	W	W	-	-
<b>Rhode Island</b>						
May 2019	-	-	W	NA	-	-
April 2019	-	-	W	2.001	-	-
May 2018	-	-	W	2.246	-	-
<b>Vermont</b>						
May 2019	-	-	-	W	-	-
April 2019	-	-	-	W	-	-
May 2018	-	-	W	W	-	-
<b>Subdistrict 1B</b>						
May 2019	-	2.379	W	2.050	-	-
April 2019	-	W	W	2.058	-	-
May 2018	-	W	W	2.202	-	-
<b>Delaware</b>						
May 2019	-	-	W	2.031	-	-
April 2019	-	-	W	2.086	-	-
May 2018	-	-	W	2.245	-	-
<b>District of Columbia</b>						
May 2019	-	-	-	W	-	-
April 2019	-	-	-	W	-	-
May 2018	-	-	-	W	-	-
<b>Maryland</b>						
May 2019	-	-	-	2.047	-	-
April 2019	-	-	-	2.058	-	-
May 2018	-	-	-	2.234	-	-
<b>New Jersey</b>						
May 2019	-	-	2.321	2.053	-	-
April 2019	-	-	2.301	2.063	-	-
May 2018	-	-	2.442	2.181	-	-
<b>New York</b>						
May 2019	-	W	2.542	2.108	-	-
April 2019	-	W	2.527	2.116	-	-
May 2018	-	W	2.561	2.278	-	-
<b>Pennsylvania</b>						
May 2019	-	W	2.336	2.035	-	-
April 2019	-	W	2.300	2.041	-	-
May 2018	-	W	2.376	2.201	-	-

See footnotes at end of table.

**Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
May 2019	-	W	2.229	2.068	-	-
April 2019	-	W	2.223	2.071	-	-
May 2018	-	W	2.413	2.250	-	-
<b>Florida</b>						
May 2019	-	-	2.234	2.086	-	-
April 2019	-	-	2.232	2.101	-	-
May 2018	-	-	2.393	2.275	-	-
<b>Georgia</b>						
May 2019	-	W	2.097	2.056	-	-
April 2019	-	W	2.098	2.051	-	-
May 2018	-	W	2.226	2.236	-	-
<b>North Carolina</b>						
May 2019	-	-	2.294	2.059	-	-
April 2019	-	-	2.248	2.056	-	-
May 2018	-	-	2.489	2.245	-	-
<b>South Carolina</b>						
May 2019	-	-	W	2.063	-	-
April 2019	-	-	2.411	2.059	-	-
May 2018	-	-	W	2.229	-	-
<b>Virginia</b>						
May 2019	-	-	2.067	2.058	-	-
April 2019	-	-	W	2.060	-	-
May 2018	-	-	2.264	2.233	-	-
<b>West Virginia</b>						
May 2019	-	-	W	2.081	-	-
April 2019	-	-	W	2.073	-	-
May 2018	-	-	W	2.273	-	-
<b>PAD District 2</b>						
May 2019	W	2.460	2.207	2.066	-	-
April 2019	2.701	2.322	2.214	2.081	-	-
May 2018	W	2.563	2.347	2.248	-	-
<b>Illinois</b>						
May 2019	W	2.398	2.320	2.060	-	-
April 2019	W	2.458	2.314	2.060	-	-
May 2018	W	2.644	W	2.212	-	-
<b>Indiana</b>						
May 2019	-	W	W	2.064	-	-
April 2019	-	W	W	2.063	-	-
May 2018	-	W	W	2.203	-	-
<b>Iowa</b>						
May 2019	-	2.434	2.185	2.092	-	-
April 2019	-	2.532	2.276	2.133	-	-
May 2018	-	2.417	2.369	2.288	-	-
<b>Kansas</b>						
May 2019	-	2.326	2.008	2.056	-	-
April 2019	W	2.446	2.064	2.094	-	-
May 2018	-	2.336	2.222	2.253	-	-
<b>Kentucky</b>						
May 2019	-	W	2.203	2.107	-	-
April 2019	W	W	2.200	2.103	-	-
May 2018	W	W	W	2.295	-	-
<b>Michigan</b>						
May 2019	W	W	2.443	2.052	-	-
April 2019	W	2.858	2.433	2.040	-	-
May 2018	W	NA	W	2.260	-	-
<b>Minnesota</b>						
May 2019	W	2.527	2.210	2.115	-	-
April 2019	W	2.171	2.195	2.137	-	-
May 2018	W	2.450	2.396	2.307	-	-
<b>Missouri</b>						
May 2019	W	W	2.083	2.076	-	-
April 2019	W	W	W	2.109	-	-
May 2018	W	W	2.264	2.272	-	-

See footnotes at end of table.

**Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)**  
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
May 2019	W	W	W	W	2.101	-
April 2019	W	2.572	W	W	2.141	-
May 2018	W	2.444	2.287	W	2.293	-
<b>North Dakota</b>						
May 2019	W	W	2.110	W	2.114	-
April 2019	W	2.206	W	W	2.116	-
May 2018	W	2.446	W	W	2.326	-
<b>Ohio</b>						
May 2019	-	W	2.272	W	2.053	-
April 2019	-	W	2.269	W	2.043	-
May 2018	-	W	W	W	2.232	-
<b>Oklahoma</b>						
May 2019	-	-	2.096	W	2.031	-
April 2019	-	W	2.149	W	2.074	-
May 2018	-	W	2.255	W	2.223	-
<b>South Dakota</b>						
May 2019	W	W	W	W	2.123	-
April 2019	W	W	W	W	2.150	-
May 2018	W	2.467	W	W	2.325	-
<b>Tennessee</b>						
May 2019	-	-	2.208	W	2.056	-
April 2019	-	W	2.223	W	2.067	-
May 2018	-	-	2.349	W	2.256	-
<b>Wisconsin</b>						
May 2019	W	W	2.288	W	2.089	-
April 2019	W	W	2.233	W	2.090	-
May 2018	W	W	2.536	W	2.251	-
<b>PAD District 3</b>						
May 2019	-	-	2.111	W	2.035	-
April 2019	-	-	2.126	W	2.023	-
May 2018	-	-	2.260	W	2.188	-
<b>Alabama</b>						
May 2019	-	-	2.110	W	2.041	-
April 2019	-	-	2.084	W	2.046	-
May 2018	-	-	2.252	W	2.221	-
<b>Arkansas</b>						
May 2019	-	-	W	W	2.054	-
April 2019	-	-	W	W	2.084	-
May 2018	-	-	W	W	2.252	-
<b>Louisiana</b>						
May 2019	-	-	2.160	W	2.011	-
April 2019	-	-	2.160	W	1.990	-
May 2018	-	-	2.294	W	2.123	-
<b>Mississippi</b>						
May 2019	-	-	W	W	2.042	-
April 2019	-	-	W	W	1.984	-
May 2018	-	-	W	W	2.191	-
<b>New Mexico</b>						
May 2019	-	-	2.241	W	2.119	-
April 2019	-	-	2.304	W	2.165	-
May 2018	-	-	2.357	W	2.354	-
<b>Texas</b>						
May 2019	-	-	2.086	W	2.040	-
April 2019	-	-	2.095	W	2.031	-
May 2018	-	-	2.242	W	2.206	-

See footnotes at end of table.

**Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)**  
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
May 2019	W	2.525	2.228	2.240	-	-
April 2019	W	2.506	2.213	2.253	-	-
May 2018	W	2.754	2.426	2.468	-	-
<b>Colorado</b>						
May 2019	W	2.466	2.267	2.159	-	-
April 2019	W	2.614	2.308	2.265	-	-
May 2018	-	2.697	2.415	2.404	-	-
<b>Idaho</b>						
May 2019	W	W	2.261	2.206	-	-
April 2019	W	W	2.245	2.217	-	-
May 2018	W	W	2.702	2.542	-	-
<b>Montana</b>						
May 2019	W	2.468	W	2.218	-	-
April 2019	W	2.294	2.327	2.178	-	-
May 2018	W	2.687	W	2.421	-	-
<b>Utah</b>						
May 2019	W	W	2.286	2.308	-	-
April 2019	-	W	2.169	2.260	-	-
May 2018	-	W	2.449	2.517	-	-
<b>Wyoming</b>						
May 2019	-	2.650	2.132	2.322	-	-
April 2019	-	2.702	2.152	2.319	-	-
May 2018	-	2.937	2.315	2.519	-	-
<b>PAD District 5</b>						
May 2019	W	2.448	2.567	2.392	-	-
April 2019	W	2.322	2.493	2.315	-	-
May 2018	W	2.611	2.471	2.417	-	-
<b>Alaska</b>						
May 2019	W	W	W	W	-	-
April 2019	W	W	W	W	-	-
May 2018	W	W	W	W	-	-
<b>Arizona</b>						
May 2019	-	-	NA	2.347	-	-
April 2019	-	-	2.320	2.288	-	-
May 2018	-	-	2.432	2.338	-	-
<b>California</b>						
May 2019	-	-	2.736	2.489	-	-
April 2019	-	-	2.599	2.393	-	-
May 2018	-	-	NA	2.421	-	-
<b>Hawaii</b>						
May 2019	-	-	W	W	-	-
April 2019	-	-	W	W	-	-
May 2018	-	-	W	W	-	-
<b>Nevada</b>						
May 2019	-	-	W	2.353	-	-
April 2019	-	-	W	2.257	-	-
May 2018	-	-	2.484	2.400	-	-
<b>Oregon</b>						
May 2019	-	W	W	2.190	-	-
April 2019	-	W	W	2.177	-	-
May 2018	-	NA	2.862	2.424	-	-
<b>Washington</b>						
May 2019	-	W	2.259	2.159	-	-
April 2019	W	W	2.285	2.124	-	-
May 2018	W	W	2.549	2.416	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

# Volume of Petroleum Products

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state**  
thousand gallons per day

Geographic area month	Regular				Midgrade					
	Sales to end users		Sales for resale		Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
May 2019	20,201.6	20,561.2	16,939.5	239,695.3	14,253.1	1,629.5	1,642.2	178.9	1,814.6	-
April 2019	19,761.7	20,049.3	17,049.4	235,665.9	14,759.6	1,656.1	1,666.8	188.4	1,636.2	-
May 2018	19,821.6	20,133.5	17,287.8	240,194.5	21,484.7	1,669.5	1,682.8	242.2	1,992.5	-
<b>PAD District 1</b>										
May 2019	6,559.0	6,710.5	W	W	3,886.1	582.4	585.5	W	W	-
April 2019	6,348.0	6,433.8	W	W	3,656.8	597.6	601.0	W	W	-
May 2018	6,391.3	6,491.8	W	W	3,976.2	569.7	572.8	W	W	-
<b>Subdistrict 1A</b>										
May 2019	W	W	W	W	W	W	W	-	36.7	-
April 2019	W	W	W	W	W	W	W	-	26.6	-
May 2018	W	W	W	W	W	W	W	-	39.7	-
<b>Connecticut</b>										
May 2019	-	W	-	W	W	-	-	-	11.1	-
April 2019	-	W	-	W	W	-	-	-	9.8	-
May 2018	-	W	W	2,217.4	W	-	-	-	13.3	-
<b>Maine</b>										
May 2019	-	-	-	W	-	-	-	-	W	-
April 2019	-	-	-	W	-	-	-	-	W	-
May 2018	-	-	-	618.6	-	-	-	-	W	-
<b>Massachusetts</b>										
May 2019	W	W	-	1,158.1	-	W	W	-	6.0	-
April 2019	W	W	-	1,286.9	-	W	W	-	5.9	-
May 2018	W	W	-	1,067.5	-	W	W	-	5.4	-
<b>New Hampshire</b>										
May 2019	W	W	W	W	-	W	W	-	-	-
April 2019	W	W	W	W	-	W	W	-	-	-
May 2018	W	W	W	W	-	W	W	-	-	-
<b>Rhode Island</b>										
May 2019	W	W	-	864.5	-	W	W	-	W	-
April 2019	W	W	-	845.3	-	W	W	-	W	-
May 2018	W	W	-	W	-	W	W	-	W	-
<b>Vermont</b>										
May 2019	-	-	W	W	-	-	-	-	W	-
April 2019	-	-	W	W	-	-	-	-	W	-
May 2018	-	-	W	W	-	-	-	-	W	-
<b>Subdistrict 1B</b>										
May 2019	3,477.6	3,477.6	W	21,555.5	W	356.2	356.2	W	W	-
April 2019	3,348.9	3,348.9	W	21,395.9	W	377.4	377.4	W	W	-
May 2018	3,259.1	3,259.1	W	22,215.2	W	342.2	342.2	W	W	-
<b>Delaware</b>										
May 2019	W	W	-	1,008.7	-	W	W	-	8.7	-
April 2019	W	W	-	868.2	-	W	W	-	7.2	-
May 2018	W	W	-	1,179.8	-	W	W	-	12.3	-
<b>District of Columbia</b>										
May 2019	-	-	-	-	-	-	-	-	-	-
April 2019	-	-	-	-	-	-	-	-	-	-
May 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
May 2019	-	-	-	3,881.4	-	-	-	-	57.7	-
April 2019	-	-	-	4,171.1	-	-	-	-	45.7	-
May 2018	-	-	-	3,854.3	-	-	-	-	61.1	-
<b>New Jersey</b>										
May 2019	W	W	W	W	W	854.0	W	W	W	-
April 2019	W	W	W	W	W	846.7	W	W	W	-
May 2018	W	W	W	6,950.9	W	W	W	W	W	-
<b>New York</b>										
May 2019	2,190.4	2,190.4	W	4,922.1	W	230.9	230.9	W	W	-
April 2019	2,096.1	2,096.1	W	4,875.8	W	255.6	255.6	W	W	-
May 2018	1,989.0	1,989.0	W	W	W	220.1	220.1	W	W	-
<b>Pennsylvania</b>										
May 2019	W	W	-	W	W	W	W	-	17.1	-
April 2019	W	W	-	W	W	W	W	-	17.6	-
May 2018	W	W	-	W	W	W	W	-	25.0	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
May 2019	2,440.5	2,486.1	4,540.4	30,109.1	1,598.7	24,271.6	24,689.5	21,658.8	271,619.0	15,851.8
April 2019	2,399.4	2,428.3	4,617.0	29,151.6	1,836.7	23,817.2	24,144.3	21,854.8	266,453.6	16,596.3
May 2018	2,459.6	2,491.9	4,766.3	30,475.7	1,925.7	23,950.7	24,308.2	22,296.3	272,662.7	23,410.5
<b>PAD District 1</b>										
May 2019	845.6	874.3	W	9,534.0	W	7,987.0	8,170.3	W	81,001.9	W
April 2019	811.3	825.8	W	9,185.9	W	7,757.0	7,860.6	W	79,371.3	W
May 2018	799.0	815.3	W	9,537.0	W	7,760.0	7,879.9	W	79,883.8	W
<b>Subdistrict 1A</b>										
May 2019	W	W	W	W	W	W	W	W	5,969.2	W
April 2019	W	W	W	771.4	W	W	W	W	W	W
May 2018	W	W	W	W	W	W	W	W	5,792.3	W
<b>Connecticut</b>										
May 2019	-	-	-	W	W	-	W	-	W	W
April 2019	-	-	-	W	W	-	W	-	W	W
May 2018	-	-	W	392.9	W	-	W	W	2,623.5	W
<b>Maine</b>										
May 2019	-	-	-	W	-	-	-	-	694.8	-
April 2019	-	-	W	W	-	-	-	W	W	-
May 2018	-	-	-	W	-	-	-	-	674.9	-
<b>Massachusetts</b>										
May 2019	W	W	-	195.3	-	W	W	-	1,359.4	-
April 2019	W	W	-	196.4	-	W	W	-	1,489.2	-
May 2018	W	W	-	169.8	-	W	W	-	1,242.7	-
<b>New Hampshire</b>										
May 2019	W	W	W	W	-	W	W	W	W	-
April 2019	W	W	W	W	-	W	W	W	W	-
May 2018	W	W	W	W	-	W	W	W	W	-
<b>Rhode Island</b>										
May 2019	W	W	-	W	-	W	W	-	1,016.9	-
April 2019	W	W	-	W	-	W	W	-	989.5	-
May 2018	W	W	-	W	-	W	W	-	1,141.9	-
<b>Vermont</b>										
May 2019	-	-	W	W	-	-	-	W	W	-
April 2019	-	-	W	W	-	-	-	W	W	-
May 2018	-	-	W	W	-	-	-	W	W	-
<b>Subdistrict 1B</b>										
May 2019	558.1	558.1	W	W	W	4,391.9	4,391.9	W	24,850.5	W
April 2019	525.9	525.9	W	W	W	4,252.2	4,252.2	W	24,497.1	W
May 2018	519.4	519.4	W	W	W	4,120.6	4,120.7	W	25,557.4	W
<b>Delaware</b>										
May 2019	W	W	-	112.9	-	W	W	-	1,130.3	-
April 2019	W	W	-	92.7	-	W	W	-	968.1	-
May 2018	W	W	-	132.1	-	W	W	-	1,324.2	-
<b>District of Columbia</b>										
May 2019	-	-	-	-	-	-	-	-	-	-
April 2019	-	-	-	-	-	-	-	-	-	-
May 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
May 2019	-	-	-	659.2	-	-	-	-	4,598.3	-
April 2019	-	-	-	662.8	-	-	-	-	4,879.5	-
May 2018	-	-	-	648.9	-	-	-	-	4,564.2	-
<b>New Jersey</b>										
May 2019	W	W	W	W	W	-	W	W	W	854.0
April 2019	W	W	W	W	W	-	W	W	W	846.7
May 2018	W	W	W	W	W	W	W	W	7,991.5	W
<b>New York</b>										
May 2019	365.3	365.3	W	W	W	2,786.6	2,786.6	W	5,814.3	W
April 2019	341.2	341.2	W	W	W	2,692.9	2,692.9	W	5,681.7	W
May 2018	337.8	337.8	W	895.2	W	2,546.9	2,546.9	W	W	W
<b>Pennsylvania</b>										
May 2019	W	W	-	W	W	W	W	-	W	W
April 2019	W	W	-	W	W	W	W	-	W	W
May 2018	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Regular						Midgrade					
	Sales to end users			Sales for resale			Sales to end users			Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk		
<b>Subdistrict 1C</b>												
May 2019	W	W	-	W	W	W	W	-	516.8	-		
April 2019	W	W	-	W	W	W	W	-	443.8	-		
May 2018	W	W	-	W	W	W	W	-	490.4	-		
<b>Florida</b>												
May 2019	W	W	-	W	W	W	W	-	168.1	-		
April 2019	W	W	-	W	W	W	W	-	153.0	-		
May 2018	W	W	-	13,273.0	-	W	W	-	123.1	-		
<b>Georgia</b>												
May 2019	W	W	-	8,457.9	-	W	W	-	56.6	-		
April 2019	W	W	-	8,385.7	-	W	W	-	52.6	-		
May 2018	W	W	-	W	W	W	W	-	63.5	-		
<b>North Carolina</b>												
May 2019	W	W	-	9,057.1	-	W	W	-	152.5	-		
April 2019	W	W	-	8,700.6	-	W	W	-	119.3	-		
May 2018	W	W	-	W	W	W	W	-	153.0	-		
<b>South Carolina</b>												
May 2019	W	W	-	4,477.6	-	W	W	-	45.4	-		
April 2019	W	W	-	4,256.2	-	W	W	-	37.2	-		
May 2018	W	W	-	W	W	W	W	-	48.5	-		
<b>Virginia</b>												
May 2019	-	W	-	W	W	-	-	-	85.0	-		
April 2019	-	-	-	W	W	-	-	-	74.3	-		
May 2018	-	-	-	W	W	-	-	-	92.7	-		
<b>West Virginia</b>												
May 2019	W	W	-	W	W	W	W	-	9.3	-		
April 2019	W	W	-	W	W	W	W	-	7.4	-		
May 2018	W	W	-	W	W	W	W	-	9.4	-		
<b>PAD District 2</b>												
May 2019	W	W	-	78,550.2	352.8	W	W	-	503.3	-		
April 2019	W	W	-	76,993.8	82.5	W	W	-	450.3	-		
May 2018	W	W	-	79,717.5	943.2	318.2	325.4	-	564.1	-		
<b>Illinois</b>												
May 2019	W	W	-	W	W	W	W	-	64.3	-		
April 2019	W	W	-	W	W	W	W	-	55.7	-		
May 2018	W	W	-	W	W	W	W	-	81.7	-		
<b>Indiana</b>												
May 2019	W	W	-	5,873.1	-	W	W	-	20.7	-		
April 2019	W	W	-	5,840.1	-	W	W	-	17.0	-		
May 2018	W	W	-	W	W	W	W	-	27.8	-		
<b>Iowa</b>												
May 2019	-	-	-	2,685.4	-	-	-	-	53.3	-		
April 2019	-	W	-	2,546.2	-	-	-	-	55.6	-		
May 2018	-	W	-	2,555.5	-	-	-	-	59.9	-		
<b>Kansas</b>												
May 2019	W	W	-	W	W	W	W	-	16.7	-		
April 2019	W	W	-	4,103.4	-	W	W	-	16.0	-		
May 2018	W	W	-	W	W	W	W	-	19.9	-		
<b>Kentucky</b>												
May 2019	W	W	-	3,826.3	-	W	W	-	14.2	-		
April 2019	W	W	-	3,904.9	-	W	W	-	11.0	-		
May 2018	W	W	-	W	W	W	W	-	17.7	-		
<b>Michigan</b>												
May 2019	W	W	-	W	W	W	W	-	19.7	-		
April 2019	W	W	-	W	W	W	W	-	13.7	-		
May 2018	W	W	-	10,124.9	-	W	W	-	18.0	-		
<b>Minnesota</b>												
May 2019	W	W	-	4,917.3	-	W	40.2	-	69.7	-		
April 2019	W	W	-	4,497.5	-	W	W	-	56.3	-		
May 2018	W	W	-	4,822.5	-	W	W	-	87.5	-		
<b>Missouri</b>												
May 2019	-	W	-	W	W	-	-	-	14.5	-		
April 2019	-	W	-	W	W	-	-	-	13.4	-		
May 2018	-	W	-	W	W	-	-	-	16.0	-		

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
May 2019	W	W	-	W	W	W	-	50,182.2	601.1	
April 2019	W	W	-	W	W	W	-	W	W	
May 2018	W	W	-	W	W	W	-	48,534.2	444.2	
<b>Florida</b>										
May 2019	W	W	-	W	W	W	-	W	W	
April 2019	W	W	-	W	W	W	-	W	W	
May 2018	W	W	-	1,916.9	-	W	W	-	15,313.0	-
<b>Georgia</b>										
May 2019	W	W	-	1,023.9	-	W	W	-	9,538.4	-
April 2019	W	W	-	1,017.7	-	W	W	-	9,456.0	-
May 2018	W	W	-	1,069.7	-	W	W	-	W	W
<b>North Carolina</b>										
May 2019	W	W	-	W	W	W	-	W	W	
April 2019	W	W	-	1,030.2	-	W	W	-	9,850.2	-
May 2018	W	W	-	1,112.0	-	W	W	-	W	W
<b>South Carolina</b>										
May 2019	W	W	-	455.0	-	W	W	-	4,978.0	-
April 2019	W	W	-	432.3	-	W	W	-	4,725.6	-
May 2018	W	W	-	458.5	-	W	W	-	W	W
<b>Virginia</b>										
May 2019	-	W	-	928.2	-	-	W	-	W	W
April 2019	-	-	-	887.0	-	-	-	-	W	W
May 2018	-	-	-	969.0	-	-	-	-	W	W
<b>West Virginia</b>										
May 2019	W	W	-	W	W	W	-	W	W	
April 2019	W	W	-	W	W	W	-	W	W	
May 2018	W	W	-	W	W	W	-	W	W	
<b>PAD District 2</b>										
May 2019	W	W	-	6,858.7	457.0	W	W	-	85,912.2	809.8
April 2019	W	W	-	6,358.2	459.1	W	W	-	83,802.3	541.6
May 2018	W	456.1	-	7,152.9	488.3	W	W	-	87,434.5	1,431.4
<b>Illinois</b>										
May 2019	W	W	-	1,153.4	-	W	W	-	W	W
April 2019	W	W	-	1,116.4	-	W	W	-	W	W
May 2018	W	W	-	W	W	W	W	-	12,039.7	95.7
<b>Indiana</b>										
May 2019	W	W	-	W	W	W	W	-	W	W
April 2019	W	W	-	W	W	W	W	-	W	W
May 2018	W	W	-	432.8	-	W	W	-	W	W
<b>Iowa</b>										
May 2019	-	-	-	321.7	-	-	-	-	3,060.4	-
April 2019	-	-	-	291.1	-	-	W	-	2,892.9	-
May 2018	-	-	-	327.4	-	-	W	-	2,942.8	-
<b>Kansas</b>										
May 2019	-	-	-	W	W	W	W	-	W	W
April 2019	-	-	-	W	W	W	W	-	W	W
May 2018	-	-	-	W	W	W	W	-	4,575.1	616.5
<b>Kentucky</b>										
May 2019	W	W	-	231.5	-	W	W	-	4,072.0	-
April 2019	W	W	-	228.4	-	W	W	-	4,144.3	-
May 2018	W	W	-	259.9	-	W	W	-	W	W
<b>Michigan</b>										
May 2019	W	W	-	W	W	W	W	-	W	W
April 2019	W	W	-	W	W	W	W	-	10,232.8	83.3
May 2018	W	W	-	W	W	W	W	-	W	W
<b>Minnesota</b>										
May 2019	W	W	-	W	W	W	W	-	W	W
April 2019	W	W	-	W	W	W	W	-	W	W
May 2018	W	W	-	W	W	W	W	-	W	W
<b>Missouri</b>										
May 2019	-	-	-	W	W	-	W	-	W	W
April 2019	-	-	-	W	W	-	W	-	W	W
May 2018	-	-	-	W	W	-	W	-	W	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Regular				Midgrade				
	Sales to end users		Sales for resale		Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack
<b>PAD District 2 (cont.)</b>									
<b>Nebraska</b>									
May 2019	W	W	-	1,595.9	-	W	W	-	18.6
April 2019	W	W	-	1,557.8	-	W	W	-	15.4
May 2018	W	W	-	1,580.7	-	W	W	-	17.7
<b>North Dakota</b>									
May 2019	W	W	-	929.1	-	W	W	-	17.8
April 2019	W	W	-	898.5	-	W	W	-	18.7
May 2018	W	W	-	984.6	-	W	W	-	19.1
<b>Ohio</b>									
May 2019	W	W	-	10,459.4	-	W	W	-	36.3
April 2019	W	W	-	10,615.5	-	W	W	-	33.6
May 2018	W	W	-	10,362.8	-	W	W	-	44.3
<b>Oklahoma</b>									
May 2019	W	W	-	3,973.4	-	W	W	-	6.4
April 2019	W	W	-	4,115.2	-	W	W	-	5.9
May 2018	W	W	-	4,485.3	237.1	W	W	-	6.2
<b>South Dakota</b>									
May 2019	W	W	-	945.1	-	W	W	-	16.1
April 2019	W	W	-	893.8	-	W	W	-	14.9
May 2018	W	W	-	975.8	-	W	W	-	19.3
<b>Tennessee</b>									
May 2019	W	W	-	9,516.5	-	W	W	-	95.3
April 2019	W	W	-	9,206.5	-	W	W	-	86.8
May 2018	W	W	-	9,792.3	-	W	W	-	79.9
<b>Wisconsin</b>									
May 2019	W	W	-	5,410.8	-	W	W	-	39.8
April 2019	W	W	-	5,086.0	-	W	W	-	36.3
May 2018	W	W	-	5,477.9	-	W	W	-	49.2
<b>PAD District 3</b>									
May 2019	946.4	976.9	W	W	8,007.4	86.6	87.1	W	W
April 2019	940.2	970.5	W	W	9,159.8	89.8	90.1	W	W
May 2018	886.3	914.6	W	50,745.4	W	87.5	87.7	W	W
<b>Alabama</b>									
May 2019	W	NA	-	5,360.6	-	W	W	-	51.1
April 2019	-	W	-	5,195.0	-	-	-	-	44.7
May 2018	-	W	-	W	W	-	-	-	56.7
<b>Arkansas</b>									
May 2019	-	-	-	3,084.1	-	-	-	-	13.4
April 2019	-	-	-	2,995.6	-	-	-	-	13.1
May 2018	-	-	-	3,116.7	-	-	-	-	14.3
<b>Louisiana</b>									
May 2019	-	W	-	W	W	-	-	-	13.8
April 2019	-	W	-	W	W	-	-	-	13.8
May 2018	-	W	-	W	W	-	-	-	20.0
<b>Mississippi</b>									
May 2019	-	-	-	W	W	-	-	-	22.6
April 2019	-	-	-	W	W	-	-	-	22.2
May 2018	-	-	-	2,882.0	1,680.5	-	-	-	22.8
<b>New Mexico</b>									
May 2019	404.5	414.9	W	W	-	48.8	W	W	W
April 2019	W	402.6	W	W	-	W	50.5	W	W
May 2018	W	399.5	W	W	-	W	W	W	W
<b>Texas</b>									
May 2019	W	W	W	32,211.6	W	W	38.0	-	137.6
April 2019	W	W	W	32,168.7	W	W	39.6	-	120.3
May 2018	W	W	W	32,076.1	W	W	W	-	178.1

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Premium				All grades					
	Sales to end users		Sales for resale		Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
May 2019	-	-	-	162.1	-	W	W	-	1,776.7	-
April 2019	-	-	-	143.8	-	W	W	-	1,716.9	-
May 2018	-	-	-	178.8	-	W	W	-	1,777.3	-
<b>North Dakota</b>										
May 2019	W	W	-	103.8	-	W	W	-	1,050.7	-
April 2019	W	W	-	92.5	-	W	W	-	1,009.7	-
May 2018	W	W	-	107.1	-	W	W	-	1,110.9	-
<b>Ohio</b>										
May 2019	W	W	-	W	W	W	W	-	W	W
April 2019	W	W	-	W	W	W	W	-	W	W
May 2018	W	W	-	W	W	W	W	-	W	W
<b>Oklahoma</b>										
May 2019	W	W	-	402.8	184.3	W	W	-	4,382.5	184.3
April 2019	W	W	-	413.1	203.0	W	W	-	4,534.1	203.0
May 2018	W	W	-	438.2	223.5	W	W	-	4,929.7	460.7
<b>South Dakota</b>										
May 2019	W	W	-	89.8	-	W	W	-	1,050.9	-
April 2019	W	W	-	81.8	-	W	W	-	990.4	-
May 2018	W	W	-	97.0	-	W	W	-	1,092.1	-
<b>Tennessee</b>										
May 2019	W	W	-	905.2	-	W	W	-	10,516.9	-
April 2019	W	W	-	W	W	W	W	-	W	W
May 2018	W	W	-	964.7	-	W	W	-	10,836.9	-
<b>Wisconsin</b>										
May 2019	W	W	-	511.0	-	W	W	-	5,961.6	-
April 2019	W	W	-	389.5	-	W	W	-	5,511.8	-
May 2018	W	W	-	573.2	-	W	W	-	6,100.3	-
<b>PAD District 3</b>										
May 2019	82.5	87.3	W	W	423.2	1,115.5	1,151.2	W	W	8,430.5
April 2019	84.0	88.2	W	W	611.6	1,114.0	1,148.7	W	W	9,771.4
May 2018	85.4	89.5	W	W	683.9	1,059.2	1,091.8	W	56,471.2	W
<b>Alabama</b>										
May 2019	W	W	-	478.5	-	W	NA	-	5,890.2	-
April 2019	-	W	-	475.8	-	-	W	-	5,715.5	-
May 2018	-	W	-	465.2	-	-	W	-	W	W
<b>Arkansas</b>										
May 2019	-	-	-	265.1	-	-	-	-	3,362.6	-
April 2019	-	-	-	254.8	-	-	-	-	3,263.5	-
May 2018	-	-	-	256.6	-	-	-	-	3,387.6	-
<b>Louisiana</b>										
May 2019	-	-	-	W	W	-	W	-	6,575.0	2,668.7
April 2019	-	-	-	W	W	-	W	-	6,286.8	2,254.4
May 2018	-	-	-	W	W	-	W	-	6,803.1	1,969.6
<b>Mississippi</b>										
May 2019	-	-	-	233.0	-	-	-	-	W	W
April 2019	-	-	-	224.7	-	-	-	-	W	W
May 2018	-	-	-	226.5	-	-	-	-	3,131.3	1,680.5
<b>New Mexico</b>										
May 2019	40.1	W	W	W	-	493.3	505.0	W	W	-
April 2019	W	41.7	W	W	-	W	494.8	W	W	-
May 2018	W	W	W	W	-	W	495.2	W	W	-
<b>Texas</b>										
May 2019	W	W	W	3,742.6	W	W	W	W	36,091.8	W
April 2019	W	W	W	3,728.3	W	W	W	W	36,017.4	W
May 2018	W	W	W	3,695.8	W	W	W	W	35,950.0	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
May 2019	W	W	W	W	-	W	W	-	123.6	-
April 2019	W	W	W	W	-	W	W	-	132.5	-
May 2018	W	W	W	W	W	73.0	74.8	-	148.7	-
<b>Colorado</b>										
May 2019	W	152.7	W	W	-	41.5	42.8	-	46.6	-
April 2019	W	145.5	W	W	-	40.6	41.3	-	46.2	-
May 2018	W	152.1	W	W	W	42.2	43.0	-	61.7	-
<b>Idaho</b>										
May 2019	W	W	-	1,404.9	-	W	W	-	6.8	-
April 2019	W	W	-	1,463.4	-	W	W	-	9.1	-
May 2018	W	W	-	1,481.4	-	W	W	-	8.4	-
<b>Montana</b>										
May 2019	W	W	-	1,326.5	-	W	W	-	8.2	-
April 2019	W	W	-	1,184.0	-	W	W	-	W	-
May 2018	W	W	-	1,305.6	-	W	W	-	W	-
<b>Utah</b>										
May 2019	W	W	W	W	-	W	W	-	48.9	-
April 2019	W	W	W	W	-	W	W	-	57.8	-
May 2018	W	W	W	W	W	W	W	-	49.9	-
<b>Wyoming</b>										
May 2019	W	11.0	-	1,045.9	-	W	W	-	13.1	-
April 2019	W	9.5	-	971.2	-	W	W	-	W	-
May 2018	W	11.7	-	895.1	-	W	W	-	W	-
<b>PAD District 5</b>										
May 2019	4,284.3	4,349.3	15,443.4	28,287.6	2,006.8	575.7	576.7	W	W	-
April 2019	4,275.5	4,341.4	15,644.4	28,051.8	1,860.4	593.9	594.6	W	W	-
May 2018	4,247.9	4,313.8	15,862.0	29,069.3	2,971.4	621.0	622.1	W	W	-
<b>Alaska</b>										
May 2019	W	W	66.4	W	W	W	W	W	W	-
April 2019	W	W	67.9	W	NA	W	W	W	W	-
May 2018	W	W	70.1	W	W	W	W	W	W	-
<b>Arizona</b>										
May 2019	W	W	W	4,079.4	W	W	W	W	W	-
April 2019	W	W	W	4,175.0	W	W	W	W	W	-
May 2018	W	W	1,093.6	W	W	W	W	W	W	-
<b>California</b>										
May 2019	3,085.7	3,087.1	11,490.5	14,134.7	1,552.7	490.2	490.3	120.1	154.9	-
April 2019	3,105.1	3,106.9	11,652.2	14,042.5	1,278.4	505.7	505.7	126.5	158.3	-
May 2018	3,144.4	3,145.4	11,901.3	14,351.2	2,147.3	529.7	529.8	147.4	187.6	-
<b>Hawaii</b>										
May 2019	W	W	W	W	W	W	W	W	W	-
April 2019	W	W	W	W	W	W	W	W	W	-
May 2018	W	W	W	W	W	W	W	W	W	-
<b>Nevada</b>										
May 2019	W	W	W	1,464.3	W	W	W	W	W	-
April 2019	W	W	W	W	NA	W	W	W	W	-
May 2018	W	W	W	1,526.2	W	W	W	W	W	-
<b>Oregon</b>										
May 2019	83.2	83.2	728.6	2,900.1	-	5.5	5.5	W	W	-
April 2019	85.1	85.1	718.0	2,797.5	-	5.6	5.6	W	W	-
May 2018	96.5	96.5	791.5	2,818.8	-	6.3	6.3	W	W	-
<b>Washington</b>										
May 2019	360.1	366.7	W	5,161.7	W	31.6	31.9	W	W	-
April 2019	345.3	352.0	W	5,028.8	W	33.1	33.4	W	W	-
May 2018	333.0	340.9	W	5,280.0	W	28.3	28.6	W	W	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
May 2019	W	W	W	W	-	W	W	W	W	-
April 2019	W	W	W	W	-	W	W	W	W	-
May 2018	W	69.0	W	W	W	W	W	W	13,478.2	W
<b>Colorado</b>										
May 2019	W	31.4	W	W	-	221.5	226.9	W	W	-
April 2019	W	31.3	W	W	-	213.0	218.1	W	W	-
May 2018	W	32.5	W	W	-	221.5	227.5	W	5,724.8	W
<b>Idaho</b>										
May 2019	W	W	-	241.0	-	W	W	-	1,652.7	-
April 2019	W	W	-	250.2	-	W	W	-	1,722.8	-
May 2018	W	W	-	251.7	-	W	W	-	1,741.5	-
<b>Montana</b>										
May 2019	W	W	-	256.3	-	W	W	-	1,590.9	-
April 2019	W	W	-	W	-	W	W	-	1,413.7	-
May 2018	W	W	-	W	-	W	W	-	1,581.6	-
<b>Utah</b>										
May 2019	W	W	W	W	-	W	W	W	W	-
April 2019	W	W	W	W	-	W	W	W	W	-
May 2018	W	W	W	W	W	W	W	W	3,365.7	W
<b>Wyoming</b>										
May 2019	W	W	-	176.4	-	W	13.7	-	1,235.4	-
April 2019	W	W	-	W	-	W	11.9	-	1,145.1	-
May 2018	W	W	-	W	-	W	14.4	-	1,064.6	-
<b>PAD District 5</b>										
May 2019	986.5	992.7	4,141.2	W	W	5,846.5	5,918.7	W	34,405.0	W
April 2019	1,010.2	1,016.1	4,248.4	W	W	5,879.6	5,952.2	W	34,179.1	W
May 2018	1,055.2	1,062.0	4,382.1	W	W	5,924.1	5,998.0	W	35,395.0	W
<b>Alaska</b>										
May 2019	W	W	W	31.8	-	W	W	81.1	W	W
April 2019	W	W	W	31.1	-	W	W	W	W	NA
May 2018	W	W	W	31.5	-	W	W	W	W	W
<b>Arizona</b>										
May 2019	W	W	156.7	W	W	W	W	W	4,688.5	W
April 2019	W	W	181.0	W	W	W	W	W	4,812.2	W
May 2018	W	W	161.6	644.0	-	W	W	W	5,074.6	W
<b>California</b>										
May 2019	822.3	822.3	3,355.8	3,512.7	302.7	4,398.2	4,399.7	14,966.5	17,802.3	1,855.4
April 2019	846.5	846.5	3,440.4	3,550.7	362.9	4,457.3	4,459.1	15,219.1	17,751.5	1,641.3
May 2018	883.9	883.9	3,547.7	3,568.6	290.9	4,558.0	4,559.2	15,596.3	18,107.5	2,438.2
<b>Hawaii</b>										
May 2019	W	W	W	W	W	W	W	W	W	W
April 2019	W	W	W	W	W	W	W	W	W	W
May 2018	W	W	W	W	W	W	W	W	W	W
<b>Nevada</b>										
May 2019	W	W	W	W	W	W	W	W	1,803.1	W
April 2019	W	W	W	346.3	W	W	W	W	1,857.0	W
May 2018	W	W	W	W	-	W	W	W	1,878.0	W
<b>Oregon</b>										
May 2019	12.7	12.7	122.9	W	W	101.4	101.4	W	3,288.5	W
April 2019	13.0	13.0	121.2	W	W	103.8	103.8	W	3,163.7	W
May 2018	14.3	14.3	130.4	W	W	117.1	117.1	W	3,209.5	W
<b>Washington</b>										
May 2019	47.8	48.1	225.1	W	W	439.5	446.7	W	6,188.6	W
April 2019	44.7	45.0	216.9	W	W	423.1	430.4	W	6,001.2	W
May 2018	46.5	46.8	233.7	W	W	407.8	416.3	W	6,325.9	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state**  
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets			Rack	Bulk
<b>United States</b>					
May 2019	15,109.4		15,446.1	4,343.5	193,240.1
April 2019	14,710.9		15,016.5	4,253.8	189,072.0
May 2018	14,606.5		14,941.2	4,369.6	193,032.0
<b>PAD District 1</b>					
May 2019	W	W	W	W	52,203.8
April 2019	W	W	W	W	51,229.7
May 2018	W	W	W	W	50,615.9
<b>Subdistrict 1A</b>					
May 2019	-	-	-	W	W
April 2019	-	-	-	W	W
May 2018	-	-	-	W	W
<b>Connecticut</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Maine</b>					
May 2019	-	-	-	-	W
April 2019	-	-	-	W	W
May 2018	-	-	-	W	W
<b>Massachusetts</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>New Hampshire</b>					
May 2019	-	-	-	W	-
April 2019	-	-	-	W	-
May 2018	-	-	-	W	W
<b>Rhode Island</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Vermont</b>					
May 2019	-	-	-	W	W
April 2019	-	-	-	W	W
May 2018	-	-	-	W	W
<b>Subdistrict 1B</b>					
May 2019	W	W	W	W	W
April 2019	W	W	W	W	W
May 2018	W	W	W	W	W
<b>Delaware</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>District of Columbia</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Maryland</b>					
May 2019	-	-	-	-	W
April 2019	-	-	-	-	W
May 2018	-	-	-	-	W
<b>New Jersey</b>					
May 2019	-	-	-	-	W
April 2019	-	-	-	-	W
May 2018	-	-	-	-	W
<b>New York</b>					
May 2019	W	W	W	W	-
April 2019	W	W	W	W	-
May 2018	W	W	W	W	W
<b>Pennsylvania</b>					
May 2019	W	W	-	-	W
April 2019	W	W	-	-	W
May 2018	W	W	-	-	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
					Bulk
<b>United States</b>					
May 2019	9,162.3		9,243.4	17,315.3	78,378.9
April 2019	9,106.3		9,127.8	17,601.0	77,381.6
May 2018	9,344.2		9,367.0	17,926.7	79,630.7
<b>PAD District 1</b>					
May 2019	W	W	W	W	28,798.1
April 2019	W	W	W	W	28,141.6
May 2018	W	W	W	W	29,267.9
<b>Subdistrict 1A</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	W	W	W
<b>Connecticut</b>					
May 2019	-	W	-	W	W
April 2019	-	W	-	W	W
May 2018	-	W	W	W	W
<b>Maine</b>					
May 2019	-	-	-	-	W
April 2019	-	-	-	-	W
May 2018	-	-	-	-	W
<b>Massachusetts</b>					
May 2019	W	W	-	1,359.4	-
April 2019	W	W	-	1,489.2	-
May 2018	W	W	-	1,242.7	-
<b>New Hampshire</b>					
May 2019	W	W	-	W	-
April 2019	W	W	-	W	-
May 2018	W	W	-	W	-
<b>Rhode Island</b>					
May 2019	W	W	-	1,016.9	-
April 2019	W	W	-	989.5	-
May 2018	W	W	-	1,141.9	-
<b>Vermont</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Subdistrict 1B</b>					
May 2019	W	W	W	W	W
April 2019	W	W	W	W	W
May 2018	W	W	W	W	W
<b>Delaware</b>					
May 2019	W	W	-	1,130.3	-
April 2019	W	W	-	968.1	-
May 2018	W	W	-	1,324.2	-
<b>District of Columbia</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Maryland</b>					
May 2019	-	-	-	W	-
April 2019	-	-	-	W	-
May 2018	-	-	-	W	-
<b>New Jersey</b>					
May 2019	W	W	W	W	W
April 2019	W	W	W	W	W
May 2018	W	W	W	W	W
<b>New York</b>					
May 2019	W	W	W	W	W
April 2019	W	W	W	W	W
May 2018	W	W	W	3,288.8	W
<b>Pennsylvania</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets	Total			Rack
					Bulk
<b>United States</b>					
May 2019	24,271.6	-	24,689.5	21,658.8	271,619.0
April 2019	23,817.2	-	24,144.3	21,854.8	266,453.6
May 2018	23,950.7	-	24,308.2	22,296.3	272,662.7
<b>PAD District 1</b>					
May 2019	7,987.0	-	8,170.3	W	81,001.9
April 2019	7,757.0	-	7,860.6	W	79,371.3
May 2018	7,760.0	-	7,879.9	W	79,883.8
<b>Subdistrict 1A</b>					
May 2019	W	-	W	W	5,969.2
April 2019	W	-	W	W	W
May 2018	W	-	W	W	5,792.3
<b>Connecticut</b>					
May 2019	-	-	W	-	W
April 2019	-	-	W	-	W
May 2018	-	-	W	W	2,623.5
<b>Maine</b>					
May 2019	-	-	-	-	694.8
April 2019	-	-	-	W	W
May 2018	-	-	-	-	674.9
<b>Massachusetts</b>					
May 2019	W	-	W	-	1,359.4
April 2019	W	-	W	-	1,489.2
May 2018	W	-	W	-	1,242.7
<b>New Hampshire</b>					
May 2019	W	-	W	W	W
April 2019	W	-	W	W	W
May 2018	W	-	W	W	W
<b>Rhode Island</b>					
May 2019	W	-	W	-	1,016.9
April 2019	W	-	W	-	989.5
May 2018	W	-	W	-	1,141.9
<b>Vermont</b>					
May 2019	-	-	-	W	W
April 2019	-	-	-	W	W
May 2018	-	-	-	W	W
<b>Subdistrict 1B</b>					
May 2019	4,391.9	-	4,391.9	W	24,850.5
April 2019	4,252.2	-	4,252.2	W	24,497.1
May 2018	4,120.6	-	4,120.7	W	25,557.4
<b>Delaware</b>					
May 2019	W	-	W	-	1,130.3
April 2019	W	-	W	-	968.1
May 2018	W	-	W	-	1,324.2
<b>District of Columbia</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Maryland</b>					
May 2019	-	-	-	-	4,598.3
April 2019	-	-	-	-	4,879.5
May 2018	-	-	-	-	4,564.2
<b>New Jersey</b>					
May 2019	W	-	W	W	W
April 2019	W	-	W	W	846.7
May 2018	W	-	W	W	W
<b>New York</b>					
May 2019	2,786.6	-	2,786.6	W	5,814.3
April 2019	2,692.9	-	2,692.9	W	5,681.7
May 2018	2,546.9	-	2,546.9	W	W
<b>Pennsylvania</b>					
May 2019	W	-	W	-	W
April 2019	W	-	W	-	W
May 2018	W	-	W	-	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Conventional			Sales for resale		
	Sales to end users		Total[a]	DTW	Rack	Bulk
	Through retail outlets					
<b>Subdistrict 1C</b>						
May 2019	W	W	-	45,813.6	601.1	
April 2019	W	W	-	W	W	
May 2018	W	W	-	44,017.2	444.2	
<b>Florida</b>						
May 2019	W	W	-	W	W	
April 2019	W	W	-	W	W	
May 2018	W	W	-	15,313.0	-	
<b>Georgia</b>						
May 2019	W	W	-	9,538.4	-	
April 2019	W	W	-	9,456.0	-	
May 2018	W	W	-	W	W	
<b>North Carolina</b>						
May 2019	W	W	-	W	W	
April 2019	W	W	-	9,850.2	-	
May 2018	W	W	-	W	W	
<b>South Carolina</b>						
May 2019	W	W	-	4,978.0	-	
April 2019	W	W	-	4,725.6	-	
May 2018	W	W	-	W	W	
<b>Virginia</b>						
May 2019	-	-	-	W	W	
April 2019	-	-	-	W	W	
May 2018	-	-	-	W	W	
<b>West Virginia</b>						
May 2019	W	W	-	W	W	
April 2019	W	W	-	W	W	
May 2018	W	W	-	W	W	
<b>PAD District 2</b>						
May 2019	W	W	-	W	W	
April 2019	W	W	-	W	W	
May 2018	W	7,296.7	-	W	W	
<b>Illinois</b>						
May 2019	W	W	-	3,694.5	-	
April 2019	W	W	-	W	W	
May 2018	W	W	-	W	W	
<b>Indiana</b>						
May 2019	W	W	-	W	W	
April 2019	W	W	-	W	W	
May 2018	W	W	-	W	W	
<b>Iowa</b>						
May 2019	-	-	-	3,060.4	-	
April 2019	-	W	-	2,892.9	-	
May 2018	-	W	-	2,942.8	-	
<b>Kansas</b>						
May 2019	W	W	-	W	W	
April 2019	W	W	-	W	W	
May 2018	W	W	-	4,575.1	616.5	
<b>Kentucky</b>						
May 2019	W	W	-	3,361.1	-	
April 2019	W	W	-	3,502.9	-	
May 2018	W	W	-	W	W	
<b>Michigan</b>						
May 2019	W	W	-	W	W	
April 2019	W	W	-	10,232.8	83.3	
May 2018	W	W	-	W	W	
<b>Minnesota</b>						
May 2019	W	W	-	W	W	
April 2019	W	W	-	W	W	
May 2018	W	W	-	W	W	
<b>Missouri</b>						
May 2019	-	W	-	3,008.3	-	
April 2019	-	W	-	2,979.0	-	
May 2018	-	W	-	3,148.0	-	

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets		Total[a]	DTW	Rack
<b>Subdistrict 1C</b>					
May 2019	-	W	-	4,368.6	-
April 2019	-	-	-	4,150.0	-
May 2018	-	-	-	4,517.0	-
<b>Florida</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Georgia</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>North Carolina</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>South Carolina</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Virginia</b>					
May 2019	-	W	-	4,368.6	-
April 2019	-	-	-	4,150.0	-
May 2018	-	-	-	4,517.0	-
<b>West Virginia</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>PAD District 2</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	W	W
<b>Illinois</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	W	W
<b>Indiana</b>					
May 2019	W	W	-	886.3	-
April 2019	W	W	-	888.4	-
May 2018	W	W	-	942.3	-
<b>Iowa</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Kansas</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Kentucky</b>					
May 2019	W	W	-	710.9	-
April 2019	W	W	-	641.4	-
May 2018	W	W	-	1,107.3	-
<b>Michigan</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Minnesota</b>					
May 2019	-	-	-	-	-
April 2019	-	-	-	-	-
May 2018	-	-	-	-	-
<b>Missouri</b>					
May 2019	-	-	-	W	W
April 2019	-	-	-	W	W
May 2018	-	-	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
May 2019	W	W	-	50,182.2	601.1
April 2019	W	W	-	W	W
May 2018	W	W	-	48,534.2	444.2
<b>Florida</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	15,313.0	-
<b>Georgia</b>					
May 2019	W	W	-	9,538.4	-
April 2019	W	W	-	9,456.0	-
May 2018	W	W	-	W	W
<b>North Carolina</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	9,850.2	-
May 2018	W	W	-	W	W
<b>South Carolina</b>					
May 2019	W	W	-	4,978.0	-
April 2019	W	W	-	4,725.6	-
May 2018	W	W	-	W	W
<b>Virginia</b>					
May 2019	-	W	-	W	W
April 2019	-	-	-	W	W
May 2018	-	-	-	W	W
<b>West Virginia</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	W	W
<b>PAD District 2</b>					
May 2019	W	W	-	85,912.2	809.8
April 2019	W	W	-	83,802.3	541.6
May 2018	W	W	-	87,434.5	1,431.4
<b>Illinois</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	12,039.7	95.7
<b>Indiana</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	W	W
<b>Iowa</b>					
May 2019	-	-	-	3,060.4	-
April 2019	-	W	-	2,892.9	-
May 2018	-	W	-	2,942.8	-
<b>Kansas</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	4,575.1	616.5
<b>Kentucky</b>					
May 2019	W	W	-	4,072.0	-
April 2019	W	W	-	4,144.3	-
May 2018	W	W	-	W	W
<b>Michigan</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	10,232.8	83.3
May 2018	W	W	-	W	W
<b>Minnesota</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	W	W
<b>Missouri</b>					
May 2019	-	W	-	W	W
April 2019	-	W	-	W	W
May 2018	-	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
May 2019	W	W	-	1,776.7	-
April 2019	W	W	-	1,716.9	-
May 2018	W	W	-	1,777.3	-
<b>North Dakota</b>					
May 2019	W	W	-	1,050.7	-
April 2019	W	W	-	1,009.7	-
May 2018	W	W	-	1,110.9	-
<b>Ohio</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	W	W
<b>Oklahoma</b>					
May 2019	W	W	-	4,382.5	184.3
April 2019	W	W	-	4,534.1	203.0
May 2018	W	W	-	4,929.7	460.7
<b>South Dakota</b>					
May 2019	W	W	-	1,050.9	-
April 2019	W	W	-	990.4	-
May 2018	W	W	-	1,092.1	-
<b>Tennessee</b>					
May 2019	W	W	-	10,516.9	-
April 2019	W	W	-	W	W
May 2018	W	W	-	10,836.9	-
<b>Wisconsin</b>					
May 2019	W	W	-	4,398.1	-
April 2019	W	W	-	3,941.8	-
May 2018	W	54.7	-	4,546.4	-
<b>PAD District 3</b>					
May 2019	1,115.5	1,151.2	W	W	8,430.5
April 2019	1,114.0	1,148.7	W	W	9,771.4
May 2018	1,059.2	1,091.8	W	W	W
<b>Alabama</b>					
May 2019	W	NA	-	5,890.2	-
April 2019	-	W	-	5,715.5	-
May 2018	-	W	-	W	W
<b>Arkansas</b>					
May 2019	-	-	-	3,362.6	-
April 2019	-	-	-	3,263.5	-
May 2018	-	-	-	3,387.6	-
<b>Louisiana</b>					
May 2019	-	W	-	6,575.0	2,668.7
April 2019	-	W	-	6,286.8	2,254.4
May 2018	-	W	-	6,803.1	1,969.6
<b>Mississippi</b>					
May 2019	-	-	-	W	W
April 2019	-	-	-	W	W
May 2018	-	-	-	3,131.3	1,680.5
<b>New Mexico</b>					
May 2019	493.3	505.0	W	W	-
April 2019	W	494.8	W	W	-
May 2018	W	495.2	W	W	-
<b>Texas</b>					
May 2019	W	W	W	W	W
April 2019	W	W	W	W	W
May 2018	W	W	W	W	10,536.2

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Reformulated			
	Sales to end users	Total[a]	DTW	Rack
	Through retail outlets			Bulk
<b>PAD District 2 (cont.)</b>				
<b>Nebraska</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>North Dakota</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>Ohio</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>Oklahoma</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>South Dakota</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>Tennessee</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>Wisconsin</b>				
May 2019	W	W	-	1,563.6
April 2019	W	W	-	1,570.0
May 2018	W	W	-	1,553.9
<b>PAD District 3</b>				
May 2019	-	-	-	16,393.9
April 2019	-	-	-	16,181.6
May 2018	-	-	-	W
<b>Alabama</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>Arkansas</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>Louisiana</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>Mississippi</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>New Mexico</b>				
May 2019	-	-	-	-
April 2019	-	-	-	-
May 2018	-	-	-	-
<b>Texas</b>				
May 2019	-	-	-	W
April 2019	-	-	-	W
May 2018	-	-	-	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets	Total		DTW	Rack
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
May 2019	W	W	-	1,776.7	-
April 2019	W	W	-	1,716.9	-
May 2018	W	W	-	1,777.3	-
<b>North Dakota</b>					
May 2019	W	W	-	1,050.7	-
April 2019	W	W	-	1,009.7	-
May 2018	W	W	-	1,110.9	-
<b>Ohio</b>					
May 2019	W	W	-	W	W
April 2019	W	W	-	W	W
May 2018	W	W	-	W	W
<b>Oklahoma</b>					
May 2019	W	W	-	4,382.5	184.3
April 2019	W	W	-	4,534.1	203.0
May 2018	W	W	-	4,929.7	460.7
<b>South Dakota</b>					
May 2019	W	W	-	1,050.9	-
April 2019	W	W	-	990.4	-
May 2018	W	W	-	1,092.1	-
<b>Tennessee</b>					
May 2019	W	W	-	10,516.9	-
April 2019	W	W	-	W	W
May 2018	W	W	-	10,836.9	-
<b>Wisconsin</b>					
May 2019	W	W	-	5,961.6	-
April 2019	W	W	-	5,511.8	-
May 2018	W	W	-	6,100.3	-
<b>PAD District 3</b>					
May 2019	1,115.5	1,151.2	W	W	8,430.5
April 2019	1,114.0	1,148.7	W	W	9,771.4
May 2018	1,059.2	1,091.8	W	56,471.2	W
<b>Alabama</b>					
May 2019	W	NA	-	5,890.2	-
April 2019	-	W	-	5,715.5	-
May 2018	-	W	-	W	W
<b>Arkansas</b>					
May 2019	-	-	-	3,362.6	-
April 2019	-	-	-	3,263.5	-
May 2018	-	-	-	3,387.6	-
<b>Louisiana</b>					
May 2019	-	W	-	6,575.0	2,668.7
April 2019	-	W	-	6,286.8	2,254.4
May 2018	-	W	-	6,803.1	1,969.6
<b>Mississippi</b>					
May 2019	-	-	-	W	W
April 2019	-	-	-	W	W
May 2018	-	-	-	3,131.3	1,680.5
<b>New Mexico</b>					
May 2019	493.3	505.0	W	W	-
April 2019	W	494.8	W	W	-
May 2018	W	495.2	W	W	-
<b>Texas</b>					
May 2019	W	W	W	36,091.8	W
April 2019	W	W	W	36,017.4	W
May 2018	W	W	W	35,950.0	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets			Rack	Bulk
<b>PAD District 4</b>					
May 2019	W	W	W	W	-
April 2019	W	W	W	W	-
May 2018	W	W	W	W	13,478.2
<b>Colorado</b>					
May 2019	221.5	226.9	W	W	-
April 2019	213.0	218.1	W	W	-
May 2018	221.5	227.5	W	5,724.8	W
<b>Idaho</b>					
May 2019	W	W	-	1,652.7	-
April 2019	W	W	-	1,722.8	-
May 2018	W	W	-	1,741.5	-
<b>Montana</b>					
May 2019	W	W	-	1,590.9	-
April 2019	W	W	-	1,413.7	-
May 2018	W	W	-	1,581.6	-
<b>Utah</b>					
May 2019	W	W	W	W	-
April 2019	W	W	W	W	-
May 2018	W	W	W	3,365.7	W
<b>Wyoming</b>					
May 2019	W	13.7	-	1,235.4	-
April 2019	W	11.9	-	1,145.1	-
May 2018	W	14.4	-	1,064.6	-
<b>PAD District 5</b>					
May 2019	1,448.3	1,517.6	3,726.3	W	W
April 2019	1,422.3	1,491.8	3,727.2	W	W
May 2018	1,366.1	W	W	14,115.1	W
<b>Alaska</b>					
May 2019	W	W	81.1	W	W
April 2019	W	W	W	W	NA
May 2018	W	W	W	W	W
<b>Arizona</b>					
May 2019	W	W	W	W	-
April 2019	W	W	W	W	-
May 2018	W	W	287.4	W	-
<b>California</b>					
May 2019	-	-	-	-	W
April 2019	-	-	-	-	W
May 2018	-	-	-	-	W
<b>Hawaii</b>					
May 2019	W	W	W	W	W
April 2019	W	W	W	W	W
May 2018	W	W	W	W	W
<b>Nevada</b>					
May 2019	W	W	W	1,803.1	W
April 2019	W	W	W	1,857.0	W
May 2018	W	W	W	1,878.0	W
<b>Oregon</b>					
May 2019	101.4	101.4	W	3,288.5	W
April 2019	103.8	103.8	W	3,163.7	W
May 2018	117.1	117.1	W	3,209.5	W
<b>Washington</b>					
May 2019	439.5	446.7	W	6,188.6	W
April 2019	423.1	430.4	W	6,001.2	W
May 2018	407.8	416.3	W	6,325.9	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Reformulated			Sales for resale		
	Sales to end users	Total[a]	DTW	Rack	Bulk	
Through retail outlets						
<b>PAD District 4</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>Colorado</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>Idaho</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>Montana</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>Utah</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>Wyoming</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>PAD District 5</b>						
May 2019	4,398.2	4,401.1	W	W	W	1,808.1
April 2019	4,457.3	4,460.3	W	W	W	1,630.7
May 2018	4,558.0	W	W	21,279.9	W	W
<b>Alaska</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>Arizona</b>						
May 2019	-	W	W	W	W	W
April 2019	-	W	W	W	W	W
May 2018	-	W	W	W	W	W
<b>California</b>						
May 2019	4,398.2	W	14,966.5	17,802.3	W	W
April 2019	4,457.3	W	15,219.1	17,751.5	W	W
May 2018	4,558.0	4,559.2	15,596.3	W	W	W
<b>Hawaii</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>Nevada</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>Oregon</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-
<b>Washington</b>						
May 2019	-	-	-	-	-	-
April 2019	-	-	-	-	-	-
May 2018	-	-	-	-	-	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets			Rack	Bulk
<b>PAD District 4</b>					
May 2019	W	W	W	W	-
April 2019	W	W	W	W	-
May 2018	W	W	W	W	13,478.2
<b>Colorado</b>					
May 2019	221.5	226.9	W	W	-
April 2019	213.0	218.1	W	W	-
May 2018	221.5	227.5	W	5,724.8	W
<b>Idaho</b>					
May 2019	W	W	-	1,652.7	-
April 2019	W	W	-	1,722.8	-
May 2018	W	W	-	1,741.5	-
<b>Montana</b>					
May 2019	W	W	-	1,590.9	-
April 2019	W	W	-	1,413.7	-
May 2018	W	W	-	1,581.6	-
<b>Utah</b>					
May 2019	W	W	W	W	-
April 2019	W	W	W	W	-
May 2018	W	W	W	3,365.7	W
<b>Wyoming</b>					
May 2019	W	13.7	-	1,235.4	-
April 2019	W	11.9	-	1,145.1	-
May 2018	W	14.4	-	1,064.6	-
<b>PAD District 5</b>					
May 2019	5,846.5	5,918.7	W	34,405.0	W
April 2019	5,879.6	5,952.2	W	34,179.1	W
May 2018	5,924.1	5,998.0	W	35,395.0	W
<b>Alaska</b>					
May 2019	W	W	81.1	W	W
April 2019	W	W	W	W	NA
May 2018	W	W	W	W	W
<b>Arizona</b>					
May 2019	W	W	W	4,688.5	W
April 2019	W	W	W	4,812.2	W
May 2018	W	W	W	5,074.6	W
<b>California</b>					
May 2019	4,398.2	4,399.7	14,966.5	17,802.3	1,855.4
April 2019	4,457.3	4,459.1	15,219.1	17,751.5	1,641.3
May 2018	4,558.0	4,559.2	15,596.3	18,107.5	2,438.2
<b>Hawaii</b>					
May 2019	W	W	W	W	W
April 2019	W	W	W	W	W
May 2018	W	W	W	W	W
<b>Nevada</b>					
May 2019	W	W	W	1,803.1	W
April 2019	W	W	W	1,857.0	W
May 2018	W	W	W	1,878.0	W
<b>Oregon</b>					
May 2019	101.4	101.4	W	3,288.5	W
April 2019	103.8	103.8	W	3,163.7	W
May 2018	117.1	117.1	W	3,209.5	W
<b>Washington</b>					
May 2019	439.5	446.7	W	6,188.6	W
April 2019	423.1	430.4	W	6,001.2	W
May 2018	407.8	416.3	W	6,325.9	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state**  
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>										
May 2019	W	547.0	31,749.8	39,735.5	W	825.3	56.0	132.8	2,831.3	24,789.8
April 2019	W	437.0	32,303.8	40,089.7	W	471.0	66.6	364.9	2,326.8	25,069.7
May 2018	W	478.8	32,041.8	41,832.7	1.6	840.4	W	136.4	2,983.3	20,871.3
<b>PAD District 1</b>										
May 2019	W	132.4	5,815.7	7,667.7	W	63.1	-	0.7	-	3,211.0
April 2019	W	144.5	6,615.6	8,132.9	W	82.2	-	W	-	4,338.8
May 2018	W	132.2	5,285.2	7,628.8	W	W	-	W	W	4,270.4
<b>Subdistrict 1A</b>										
May 2019	W	W	201.9	624.9	W	-	-	-	-	336.5
April 2019	-	W	183.3	626.2	W	W	-	-	-	586.5
May 2018	W	W	222.4	882.6	W	-	-	-	W	668.7
<b>Connecticut</b>										
May 2019	-	-	W	W	-	-	-	-	-	15.6
April 2019	-	-	W	W	-	W	-	-	-	91.4
May 2018	-	-	W	W	-	-	-	-	-	85.5
<b>Maine</b>										
May 2019	W	W	W	W	-	-	-	-	-	117.9
April 2019	-	W	W	W	-	-	-	-	W	179.3
May 2018	W	W	W	W	-	-	-	-	W	154.0
<b>Massachusetts</b>										
May 2019	-	-	W	574.4	W	-	-	-	-	W
April 2019	-	-	W	571.3	W	-	-	-	-	W
May 2018	-	-	W	831.6	W	-	-	-	-	89.7
<b>New Hampshire</b>										
May 2019	-	-	W	W	W	-	-	-	-	W
April 2019	-	-	W	W	W	-	-	-	-	W
May 2018	-	-	W	W	W	-	-	-	-	W
<b>Rhode Island</b>										
May 2019	-	-	W	W	W	-	-	-	-	W
April 2019	-	-	W	W	W	-	-	-	-	W
May 2018	-	-	W	W	W	-	-	-	-	W
<b>Vermont</b>										
May 2019	-	-	W	W	-	-	-	-	-	W
April 2019	-	-	W	W	-	-	-	-	-	W
May 2018	W	-	W	W	-	-	-	-	-	168.6
<b>Subdistrict 1B</b>										
May 2019	-	W	2,364.8	5,393.4	1.2	W	-	W	-	1,570.7
April 2019	W	W	2,639.2	5,438.4	3.4	63.3	-	W	-	1,955.0
May 2018	W	W	2,375.4	4,945.2	0.7	W	-	W	-	2,114.4
<b>Delaware</b>										
May 2019	-	-	-	W	W	-	-	-	-	W
April 2019	-	-	-	W	W	-	-	-	-	87.1
May 2018	-	-	-	W	W	-	-	-	-	W
<b>District of Columbia</b>										
May 2019	-	-	-	-	-	-	-	-	-	-
April 2019	-	-	-	-	-	-	-	-	-	-
May 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
May 2019	-	-	W	W	-	W	-	-	-	W
April 2019	-	-	W	W	-	W	-	-	-	28.9
May 2018	-	-	W	78.8	-	W	-	-	-	W
<b>New Jersey</b>										
May 2019	-	-	747.4	3,294.5	W	W	-	-	-	250.0
April 2019	-	-	1,038.4	3,379.5	W	W	-	-	-	213.5
May 2018	-	W	1,091.0	3,098.2	W	W	-	-	-	311.7
<b>New York</b>										
May 2019	-	W	1,318.6	55.9	W	W	-	W	-	292.9
April 2019	-	W	1,311.5	W	W	32.7	-	W	-	399.6
May 2018	W	W	1,062.6	W	W	4.7	-	W	-	300.6
<b>Pennsylvania</b>										
May 2019	-	W	W	1,962.8	0.4	W	-	W	-	944.9
April 2019	W	W	W	1,920.3	1.1	W	-	W	-	1,225.9
May 2018	-	W	W	1,694.9	0.3	W	-	W	-	1,340.2

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>										
May 2019	W	101.6	3,249.0	1,649.4	W	W	-	W	-	1,303.8
April 2019	W	114.6	3,793.2	2,068.3	W	W	-	W	-	1,797.3
May 2018	W	93.6	2,687.4	1,801.0	W	W	-	W	-	1,487.4
<b>Florida</b>										
May 2019	-	74.8	2,169.1	1,228.4	W	-	-	-	-	272.2
April 2019	-	86.0	2,632.0	1,543.6	W	-	-	-	-	294.5
May 2018	-	69.9	1,983.4	1,333.5	W	-	-	-	-	653.7
<b>Georgia</b>										
May 2019	W	W	W	61.2	-	-	-	W	-	224.6
April 2019	W	W	W	64.8	-	W	-	W	-	351.0
May 2018	W	W	W	190.4	-	W	-	W	-	128.5
<b>North Carolina</b>										
May 2019	-	W	W	W	W	W	-	-	-	232.2
April 2019	-	W	W	268.2	W	W	-	-	-	445.4
May 2018	-	W	W	W	W	W	-	-	-	282.5
<b>South Carolina</b>										
May 2019	-	-	W	79.3	W	W	-	-	-	221.1
April 2019	-	-	W	94.9	W	W	-	-	-	389.6
May 2018	-	-	W	74.4	W	W	-	-	-	188.8
<b>Virginia</b>										
May 2019	-	W	525.1	W	-	-	-	-	-	W
April 2019	-	W	458.8	W	-	-	-	-	-	79.1
May 2018	-	W	370.6	W	-	-	-	-	-	W
<b>West Virginia</b>										
May 2019	-	-	-	W	W	-	-	-	-	W
April 2019	-	-	W	W	W	-	-	-	-	237.7
May 2018	-	-	W	W	W	-	-	-	-	W
<b>PAD District 2</b>										
May 2019	W	W	6,008.3	5,081.7	W	W	W	41.8	W	6,236.4
April 2019	W	106.3	5,251.4	4,866.3	W	15.4	8.3	107.5	W	6,549.4
May 2018	W	126.9	5,730.1	5,181.5	W	10.8	W	54.3	W	5,510.7
<b>Illinois</b>										
May 2019	W	16.6	1,605.8	W	W	W	W	3.3	-	1,116.2
April 2019	W	W	1,422.6	W	W	W	W	4.4	-	1,028.5
May 2018	W	W	1,387.1	W	W	W	W	4.9	W	913.5
<b>Indiana</b>										
May 2019	-	-	867.3	286.3	W	W	-	W	W	315.5
April 2019	-	-	919.6	288.8	W	W	-	W	-	316.1
May 2018	-	-	901.5	263.6	W	W	-	W	-	228.8
<b>Iowa</b>										
May 2019	-	-	W	93.2	-	-	-	5.1	-	179.5
April 2019	-	-	W	77.6	-	-	-	7.3	W	219.4
May 2018	-	-	W	77.6	W	-	-	6.6	-	111.6
<b>Kansas</b>										
May 2019	W	W	W	W	-	W	-	7.3	-	1,842.0
April 2019	W	W	W	W	-	W	W	10.2	-	1,535.4
May 2018	W	W	W	W	-	W	-	6.9	-	1,551.1
<b>Kentucky</b>										
May 2019	-	W	880.9	593.5	W	W	-	W	W	315.6
April 2019	-	W	535.0	W	W	W	W	W	W	397.7
May 2018	W	W	900.0	W	W	W	W	W	-	366.1
<b>Michigan</b>										
May 2019	-	-	W	554.1	W	W	W	W	W	303.5
April 2019	-	-	W	611.2	W	W	W	5.4	W	W
May 2018	-	-	W	556.5	W	W	W	5.5	W	287.2
<b>Minnesota</b>										
May 2019	W	W	95.4	1,026.1	W	W	W	6.7	W	315.2
April 2019	W	W	118.3	989.9	W	W	W	55.3	W	364.8
May 2018	W	W	W	W	W	W	W	10.6	W	294.4
<b>Missouri</b>										
May 2019	W	-	W	W	-	W	W	W	-	110.6
April 2019	W	W	W	W	-	W	W	W	-	191.1
May 2018	W	-	W	W	-	W	W	W	-	128.5

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
May 2019	W	-	W	W	-	-	W	W	W	W
April 2019	W	-	W	W	-	-	W	1.6	-	98.7
May 2018	W	-	W	W	-	-	W	1.4	-	88.5
<b>North Dakota</b>										
May 2019	-	-	W	W	W	-	W	W	W	408.9
April 2019	-	-	W	W	W	-	W	13.4	W	394.2
May 2018	-	-	W	W	W	-	W	6.6	W	286.8
<b>Ohio</b>										
May 2019	-	-	421.8	520.4	W	W	-	W	-	482.5
April 2019	-	-	343.2	400.4	W	W	-	W	-	523.5
May 2018	W	W	387.2	586.0	W	W	-	W	-	517.7
<b>Oklahoma</b>										
May 2019	W	-	W	281.9	-	W	-	-	-	153.7
April 2019	-	-	W	301.5	-	W	-	W	W	202.7
May 2018	W	-	W	439.5	-	W	-	W	W	150.2
<b>South Dakota</b>										
May 2019	-	-	W	-	-	-	W	W	W	W
April 2019	-	-	W	-	-	-	W	W	W	W
May 2018	-	-	W	-	-	-	W	1.7	W	65.8
<b>Tennessee</b>										
May 2019	-	W	W	195.2	W	W	-	-	-	107.0
April 2019	-	W	W	190.0	W	W	-	W	-	154.3
May 2018	W	W	W	195.7	W	W	-	-	-	138.0
<b>Wisconsin</b>										
May 2019	-	-	53.6	W	W	-	W	W	W	456.1
April 2019	-	-	76.2	W	W	W	W	W	W	549.3
May 2018	-	-	W	W	W	W	W	W	W	382.7
<b>PAD District 3</b>										
May 2019	W	115.8	5,860.7	18,623.7	-	744.5	-	-	2,732.1	13,100.1
April 2019	W	113.8	6,300.5	17,721.9	-	W	-	-	2,162.6	11,899.7
May 2018	W	127.5	7,080.6	19,447.3	-	W	-	-	2,870.9	8,877.9
<b>Alabama</b>										
May 2019	-	W	232.4	78.0	-	W	-	-	-	139.8
April 2019	-	W	269.7	74.8	-	W	-	-	-	191.0
May 2018	-	W	NA	W	-	W	-	-	-	101.1
<b>Arkansas</b>										
May 2019	-	W	W	W	-	-	-	-	-	W
April 2019	-	W	W	W	-	-	-	-	-	W
May 2018	W	-	W	84.4	-	-	-	-	-	17.3
<b>Louisiana</b>										
May 2019	-	7.2	903.3	4,551.1	-	W	-	-	699.2	162.2
April 2019	-	6.7	899.9	4,793.5	-	W	-	-	589.4	284.6
May 2018	W	7.5	480.3	6,046.4	-	W	-	-	W	124.9
<b>Mississippi</b>										
May 2019	-	W	1,172.5	2,382.7	-	-	-	-	-	288.8
April 2019	-	W	1,258.1	2,445.8	-	-	-	-	-	293.6
May 2018	-	W	1,252.4	1,970.7	-	-	-	-	-	144.7
<b>New Mexico</b>										
May 2019	W	-	W	W	-	-	-	-	-	W
April 2019	W	-	W	W	-	-	-	-	-	W
May 2018	W	-	W	W	-	-	-	-	-	80.3
<b>Texas</b>										
May 2019	W	W	3,471.9	11,492.2	-	W	-	-	2,032.8	12,404.3
April 2019	-	105.1	3,810.8	10,308.4	-	2.8	-	-	1,573.2	11,000.6
May 2018	W	W	4,966.6	11,206.2	-	4.6	-	-	W	8,409.6

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>										
May 2019	W	W	1,035.8	987.1	-	-	W	10.1	W	849.0
April 2019	W	W	921.1	1,040.8	-	-	W	W	W	840.4
May 2018	W	W	1,018.3	1,037.6	-	-	W	W	14.0	690.7
<b>Colorado</b>										
May 2019	W	-	415.8	645.7	-	-	W	2.9	W	304.4
April 2019	W	-	251.5	706.1	-	-	W	12.2	W	369.2
May 2018	W	-	298.7	676.2	-	-	-	5.2	W	256.8
<b>Idaho</b>										
May 2019	-	-	W	15.2	-	-	W	W	W	24.8
April 2019	-	-	W	W	-	-	W	W	W	29.0
May 2018	-	-	W	14.2	-	-	W	W	W	22.9
<b>Montana</b>										
May 2019	W	W	W	W	-	-	W	4.8	W	104.3
April 2019	W	W	W	W	-	-	W	15.9	W	74.7
May 2018	-	W	W	W	-	-	W	4.5	W	85.9
<b>Utah</b>										
May 2019	-	W	460.2	246.6	-	-	W	W	-	86.3
April 2019	-	W	494.3	W	-	-	-	W	-	87.1
May 2018	W	W	519.8	271.4	-	-	-	W	-	117.9
<b>Wyoming</b>										
May 2019	-	-	W	W	-	-	-	1.8	-	329.4
April 2019	-	-	W	W	-	-	-	7.7	-	280.4
May 2018	-	-	W	W	-	-	-	2.2	-	207.3
<b>PAD District 5</b>										
May 2019	W	191.8	13,029.3	7,375.3	-	W	W	80.2	W	1,393.4
April 2019	W	W	13,215.2	8,327.8	-	W	W	218.1	W	1,441.4
May 2018	W	W	12,927.6	8,537.5	-	W	W	68.6	W	1,521.5
<b>Alaska</b>										
May 2019	W	W	W	W	-	-	W	W	W	W
April 2019	W	W	W	W	-	-	W	W	W	W
May 2018	W	W	W	W	-	-	W	W	W	W
<b>Arizona</b>										
May 2019	W	W	W	230.1	-	-	-	-	-	137.2
April 2019	W	W	W	239.2	-	-	-	-	-	128.1
May 2018	W	W	172.9	265.4	-	-	-	-	-	154.9
<b>California</b>										
May 2019	-	W	7,955.6	5,635.8	-	W	-	-	-	856.7
April 2019	W	22.5	7,922.9	6,479.8	-	W	-	-	-	899.5
May 2018	W	38.6	7,634.7	6,692.6	-	W	-	-	-	996.5
<b>Hawaii</b>										
May 2019	-	-	W	NA	-	-	-	-	-	W
April 2019	-	-	W	W	-	-	-	-	-	W
May 2018	-	W	W	W	-	-	-	-	-	W
<b>Nevada</b>										
May 2019	-	-	W	W	-	-	-	-	-	34.3
April 2019	-	-	W	W	-	-	-	-	-	40.3
May 2018	-	-	W	W	-	-	-	-	-	69.3
<b>Oregon</b>										
May 2019	-	17.3	488.1	W	-	-	-	W	W	W
April 2019	-	11.5	430.8	W	-	-	-	W	W	W
May 2018	-	18.1	W	W	-	-	-	NA	W	W
<b>Washington</b>										
May 2019	-	W	1,806.5	222.8	-	-	-	W	W	281.1
April 2019	-	W	2,127.8	299.1	-	-	W	W	W	283.3
May 2018	-	W	2,077.0	259.2	-	-	W	W	W	200.7

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state**  
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
May 2019	11,816.2	159,816.8	W	W	W	W
April 2019	11,657.5	159,122.6	W	-	W	W
May 2018	11,688.6	155,596.5	W	W	W	W
<b>PAD District 1</b>						
May 2019	W	W	-	-	-	W
April 2019	W	31,946.8	-	-	-	W
May 2018	W	W	-	-	-	W
<b>Subdistrict 1A</b>						
May 2019	W	1,317.7	-	-	-	-
April 2019	W	W	-	-	-	-
May 2018	W	W	-	-	-	-
<b>Connecticut</b>						
May 2019	W	596.2	-	-	-	-
April 2019	W	617.8	-	-	-	-
May 2018	W	W	-	-	-	-
<b>Maine</b>						
May 2019	-	W	-	-	-	-
April 2019	-	W	-	-	-	-
May 2018	-	W	-	-	-	-
<b>Massachusetts</b>						
May 2019	W	W	-	-	-	-
April 2019	W	W	-	-	-	-
May 2018	W	W	-	-	-	-
<b>New Hampshire</b>						
May 2019	W	W	-	-	-	-
April 2019	W	W	-	-	-	-
May 2018	W	W	-	-	-	-
<b>Rhode Island</b>						
May 2019	W	NA	-	-	-	-
April 2019	W	291.9	-	-	-	-
May 2018	W	W	-	-	-	-
<b>Vermont</b>						
May 2019	-	W	-	-	-	-
April 2019	-	W	-	-	-	-
May 2018	W	W	-	-	-	-
<b>Subdistrict 1B</b>						
May 2019	W	W	-	-	-	W
April 2019	W	W	-	-	-	W
May 2018	W	W	-	-	-	W
<b>Delaware</b>						
May 2019	W	W	-	-	-	-
April 2019	W	W	-	-	-	-
May 2018	W	W	-	-	-	-
<b>District of Columbia</b>						
May 2019	-	W	-	-	-	-
April 2019	-	W	-	-	-	-
May 2018	-	W	-	-	-	-
<b>Maryland</b>						
May 2019	-	W	-	-	-	W
April 2019	-	W	-	-	-	W
May 2018	-	W	-	-	-	W
<b>New Jersey</b>						
May 2019	155.7	W	-	-	-	W
April 2019	163.8	W	-	-	-	W
May 2018	147.9	W	-	-	-	W
<b>New York</b>						
May 2019	213.5	W	-	-	-	W
April 2019	202.1	W	-	-	-	W
May 2018	184.2	W	-	-	-	W
<b>Pennsylvania</b>						
May 2019	W	W	-	-	-	-
April 2019	W	6,262.3	-	-	-	-
May 2018	W	W	-	-	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
May 2019	984.8		16,158.4		-	-
April 2019	960.9		16,273.4		-	-
May 2018	843.0		W		-	-
<b>Florida</b>						
May 2019	249.7		4,969.0		-	-
April 2019	257.1		5,004.9		-	-
May 2018	311.5		4,573.5		-	-
<b>Georgia</b>						
May 2019	51.5		2,721.3		-	-
April 2019	50.9		2,940.1		-	-
May 2018	97.8		2,749.9		-	-
<b>North Carolina</b>						
May 2019	374.9		W		-	-
April 2019	389.0		W		-	-
May 2018	279.4		W		-	-
<b>South Carolina</b>						
May 2019	W		1,548.8		-	-
April 2019	51.0		1,638.5		-	-
May 2018	W		1,500.2		-	-
<b>Virginia</b>						
May 2019	7.5		2,592.9		-	-
April 2019	W		2,640.9		-	-
May 2018	5.9		2,735.8		-	-
<b>West Virginia</b>						
May 2019	W		W		-	-
April 2019	W		W		-	-
May 2018	W		W		-	-
<b>PAD District 2</b>						
May 2019	W		46,331.3		-	-
April 2019	W		46,300.2		-	-
May 2018	W		W		-	-
<b>Illinois</b>						
May 2019	345.8		6,148.3		-	-
April 2019	349.8		6,542.0		-	-
May 2018	W		7,088.5		-	-
<b>Indiana</b>						
May 2019	W		3,670.9		-	-
April 2019	W		3,762.5		-	-
May 2018	W		4,587.0		-	-
<b>Iowa</b>						
May 2019	20.1		1,922.0		-	-
April 2019	12.0		2,307.1		-	-
May 2018	21.5		2,113.8		-	-
<b>Kansas</b>						
May 2019	415.4		3,682.1		-	-
April 2019	342.3		3,919.4		-	-
May 2018	530.2		3,452.4		-	-
<b>Kentucky</b>						
May 2019	406.1		1,826.4		-	-
April 2019	448.1		1,859.9		-	-
May 2018	W		1,951.8		-	-
<b>Michigan</b>						
May 2019	238.3		2,597.3		-	-
April 2019	248.7		2,491.6		-	-
May 2018	W		W		-	-
<b>Minnesota</b>						
May 2019	W		W		-	-
April 2019	W		W		-	-
May 2018	W		W		-	-
<b>Missouri</b>						
May 2019	1.7		1,609.5		-	-
April 2019	W		1,880.5		-	-
May 2018	5.5		1,764.9		-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
May 2019	W	1,431.2	-	-	-	-
April 2019	W	1,727.0	-	-	-	-
May 2018	418.8	1,584.1	-	-	-	-
<b>North Dakota</b>						
May 2019	357.6	1,666.4	-	-	-	-
April 2019	W	1,552.5	-	-	-	-
May 2018	W	1,619.5	-	-	-	-
<b>Ohio</b>						
May 2019	629.7	5,527.0	-	-	-	-
April 2019	615.9	5,753.8	-	-	-	-
May 2018	W	5,657.2	-	-	-	-
<b>Oklahoma</b>						
May 2019	191.3	7,006.9	-	-	-	-
April 2019	220.6	5,752.0	-	-	-	-
May 2018	354.1	6,616.6	-	-	-	-
<b>South Dakota</b>						
May 2019	W	630.9	-	-	-	-
April 2019	W	582.1	-	-	-	-
May 2018	W	771.5	-	-	-	-
<b>Tennessee</b>						
May 2019	353.3	3,771.5	-	-	-	-
April 2019	343.7	3,787.0	-	-	-	-
May 2018	321.9	3,441.3	-	-	-	-
<b>Wisconsin</b>						
May 2019	W	W	-	-	-	-
April 2019	59.5	W	-	-	-	-
May 2018	W	W	-	-	-	-
<b>PAD District 3</b>						
May 2019	2,655.2	W	-	W	-	662.4
April 2019	2,586.8	52,752.4	-	W	-	812.1
May 2018	2,567.5	W	W	W	W	1,000.7
<b>Alabama</b>						
May 2019	191.0	1,831.3	-	-	-	-
April 2019	145.4	W	-	-	-	-
May 2018	135.4	1,683.8	-	-	-	-
<b>Arkansas</b>						
May 2019	W	1,447.9	-	-	-	-
April 2019	W	1,391.8	-	-	-	-
May 2018	W	1,581.3	-	-	-	-
<b>Louisiana</b>						
May 2019	194.7	12,847.7	-	-	-	W
April 2019	200.7	W	-	-	-	W
May 2018	206.4	W	-	W	-	W
<b>Mississippi</b>						
May 2019	35.9	2,063.5	-	W	-	-
April 2019	27.3	W	-	-	-	-
May 2018	34.8	W	-	-	-	-
<b>New Mexico</b>						
May 2019	313.5	1,270.9	-	-	-	-
April 2019	327.2	1,208.7	-	-	-	-
May 2018	355.7	1,292.4	-	-	-	-
<b>Texas</b>						
May 2019	W	W	-	-	-	W
April 2019	W	W	-	-	-	W
May 2018	W	30,171.6	W	W	W	W

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
May 2019	W	W	-	-	-	-
April 2019	W	7,097.8	-	-	-	-
May 2018	W	6,844.9	-	-	-	-
<b>Colorado</b>						
May 2019	216.1	W	-	-	-	-
April 2019	215.0	1,912.1	-	-	-	-
May 2018	218.8	2,110.4	-	-	-	-
<b>Idaho</b>						
May 2019	W	764.4	-	-	-	-
April 2019	W	874.3	-	-	-	-
May 2018	W	755.2	-	-	-	-
<b>Montana</b>						
May 2019	W	1,163.0	-	-	-	-
April 2019	128.0	1,146.8	-	-	-	-
May 2018	W	1,247.1	-	-	-	-
<b>Utah</b>						
May 2019	W	1,795.9	-	-	-	-
April 2019	W	1,947.3	-	-	-	-
May 2018	W	1,650.2	-	-	-	-
<b>Wyoming</b>						
May 2019	403.7	1,444.6	-	-	-	-
April 2019	406.4	1,217.2	-	-	-	-
May 2018	340.6	1,082.1	-	-	-	-
<b>PAD District 5</b>						
May 2019	W	19,984.7	W	-	W	W
April 2019	W	21,025.4	W	-	W	W
May 2018	W	20,563.0	W	-	W	W
<b>Alaska</b>						
May 2019	W	W	-	-	-	-
April 2019	W	W	-	-	-	-
May 2018	W	W	-	-	-	-
<b>Arizona</b>						
May 2019	475.1	792.1	-	-	-	-
April 2019	489.2	884.2	-	-	-	-
May 2018	416.3	1,110.3	-	-	-	-
<b>California</b>						
May 2019	1,206.0	W	-	-	-	W
April 2019	1,242.4	W	-	-	-	W
May 2018	1,041.2	W	-	-	-	W
<b>Hawaii</b>						
May 2019	W	W	W	-	W	W
April 2019	W	W	W	-	W	W
May 2018	W	W	W	-	W	W
<b>Nevada</b>						
May 2019	W	473.5	-	-	-	-
April 2019	W	476.3	-	-	-	-
May 2018	W	561.8	-	-	-	-
<b>Oregon</b>						
May 2019	W	2,141.9	-	-	-	-
April 2019	W	2,083.0	-	-	-	-
May 2018	4.0	2,125.2	-	-	-	-
<b>Washington</b>						
May 2019	W	W	-	-	-	W
April 2019	W	W	-	-	-	W
May 2018	W	3,521.6	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state**  
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>				
May 2019	51.4	6,089.7	11,929.6	167,476.1
April 2019	50.2	7,673.8	11,787.4	168,551.0
May 2018	57.3	5,324.9	12,284.7	164,674.3
<b>PAD District 1</b>				
May 2019	W	3,765.1	1,593.4	36,303.6
April 2019	W	W	1,592.7	36,062.5
May 2018	W	4,121.2	1,478.0	34,731.4
<b>Subdistrict 1A</b>				
May 2019	-	567.8	W	1,885.5
April 2019	-	W	W	2,437.5
May 2018	-	W	W	1,290.1
<b>Connecticut</b>				
May 2019	-	258.6	W	854.8
April 2019	-	550.0	W	1,167.8
May 2018	-	W	W	342.0
<b>Maine</b>				
May 2019	-	W	-	163.8
April 2019	-	W	-	154.3
May 2018	-	W	-	W
<b>Massachusetts</b>				
May 2019	-	W	W	346.5
April 2019	-	W	W	421.7
May 2018	-	W	W	321.6
<b>New Hampshire</b>				
May 2019	-	W	W	W
April 2019	-	-	W	W
May 2018	-	W	W	W
<b>Rhode Island</b>				
May 2019	-	NA	W	NA
April 2019	-	230.3	W	522.2
May 2018	-	W	W	411.1
<b>Vermont</b>				
May 2019	-	W	-	W
April 2019	-	W	-	W
May 2018	-	W	W	W
<b>Subdistrict 1B</b>				
May 2019	W	3,136.6	W	18,199.1
April 2019	W	2,734.9	W	17,256.5
May 2018	W	3,791.0	W	18,004.0
<b>Delaware</b>				
May 2019	-	W	W	W
April 2019	-	W	W	W
May 2018	-	W	W	W
<b>District of Columbia</b>				
May 2019	-	-	-	W
April 2019	-	-	-	W
May 2018	-	-	-	W
<b>Maryland</b>				
May 2019	-	38.9	-	1,633.1
April 2019	-	99.3	-	1,668.4
May 2018	-	116.7	-	1,240.8
<b>New Jersey</b>				
May 2019	-	1,498.6	155.7	7,371.2
April 2019	-	1,600.5	163.8	7,176.9
May 2018	-	2,051.8	147.9	7,281.2
<b>New York</b>				
May 2019	-	413.4	213.5	1,573.2
April 2019	-	W	202.1	1,399.8
May 2018	-	263.2	184.2	1,337.5
<b>Pennsylvania</b>				
May 2019	W	W	208.6	7,078.5
April 2019	W	509.6	236.0	6,771.8
May 2018	W	W	271.2	7,864.8

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>				
May 2019	-	60.7	984.8	16,219.0
April 2019	-	95.0	960.9	16,368.4
May 2018	-	W	843.0	15,437.3
<b>Florida</b>				
May 2019	-	-	249.7	4,969.0
April 2019	-	-	257.1	5,004.9
May 2018	-	-	311.5	4,573.5
<b>Georgia</b>				
May 2019	-	-	51.5	2,721.3
April 2019	-	-	50.9	2,940.1
May 2018	-	-	97.8	2,749.9
<b>North Carolina</b>				
May 2019	-	W	374.9	3,441.0
April 2019	-	W	389.0	3,231.5
May 2018	-	W	279.4	3,075.2
<b>South Carolina</b>				
May 2019	-	-	W	1,548.8
April 2019	-	-	51.0	1,638.5
May 2018	-	-	W	1,500.2
<b>Virginia</b>				
May 2019	-	-	7.5	2,592.9
April 2019	-	-	W	2,640.9
May 2018	-	-	5.9	2,735.8
<b>West Virginia</b>				
May 2019	-	W	W	946.0
April 2019	-	W	W	912.5
May 2018	-	W	W	802.7
<b>PAD District 2</b>				
May 2019	W	210.4	4,004.9	46,541.7
April 2019	W	223.7	4,068.3	46,523.9
May 2018	W	W	4,325.7	48,613.2
<b>Illinois</b>				
May 2019	-	-	345.8	6,148.3
April 2019	-	-	349.8	6,542.0
May 2018	-	-	W	7,088.5
<b>Indiana</b>				
May 2019	-	-	W	3,670.9
April 2019	-	-	W	3,762.5
May 2018	-	-	W	4,587.0
<b>Iowa</b>				
May 2019	-	-	20.1	1,922.0
April 2019	-	-	12.0	2,307.1
May 2018	-	-	21.5	2,113.8
<b>Kansas</b>				
May 2019	-	-	415.4	3,682.1
April 2019	-	-	342.3	3,919.4
May 2018	-	-	530.2	3,452.4
<b>Kentucky</b>				
May 2019	-	-	406.1	1,826.4
April 2019	-	-	448.1	1,859.9
May 2018	-	-	W	1,951.8
<b>Michigan</b>				
May 2019	-	207.5	238.3	2,804.7
April 2019	-	221.2	248.7	2,712.8
May 2018	-	W	W	2,605.0
<b>Minnesota</b>				
May 2019	W	W	309.4	2,608.1
April 2019	W	W	263.5	2,243.2
May 2018	W	W	254.5	2,965.3
<b>Missouri</b>				
May 2019	-	-	1.7	1,609.5
April 2019	-	-	W	1,880.5
May 2018	-	-	5.5	1,764.9

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>				
<b>Nebraska</b>				
May 2019	-	-	W	1,431.2
April 2019	-	-	W	1,727.0
May 2018	-	-	418.8	1,584.1
<b>North Dakota</b>				
May 2019	-	-	357.6	1,666.4
April 2019	-	-	W	1,552.5
May 2018	W	-	W	1,619.5
<b>Ohio</b>				
May 2019	-	-	629.7	5,527.0
April 2019	-	-	615.9	5,753.8
May 2018	-	-	W	5,657.2
<b>Oklahoma</b>				
May 2019	-	-	191.3	7,006.9
April 2019	-	-	220.6	5,752.0
May 2018	-	-	354.1	6,616.6
<b>South Dakota</b>				
May 2019	W	-	W	630.9
April 2019	W	-	W	582.1
May 2018	W	-	W	771.5
<b>Tennessee</b>				
May 2019	-	-	353.3	3,771.5
April 2019	-	-	343.7	3,787.0
May 2018	-	-	321.9	3,441.3
<b>Wisconsin</b>				
May 2019	W	W	65.5	2,235.7
April 2019	-	W	59.5	2,142.0
May 2018	W	W	47.5	2,394.3
<b>PAD District 3</b>				
<b>May 2019</b>	-	1,842.2	2,655.2	56,561.4
<b>April 2019</b>	-	3,475.4	2,586.8	57,039.9
<b>May 2018</b>	-	1,098.6	2,888.8	53,628.6
<b>Alabama</b>				
May 2019	-	-	191.0	1,831.3
April 2019	-	W	145.4	1,844.9
May 2018	-	-	135.4	1,683.8
<b>Arkansas</b>				
May 2019	-	-	W	1,447.9
April 2019	-	-	W	1,391.8
May 2018	-	-	W	1,581.3
<b>Louisiana</b>				
May 2019	-	W	194.7	13,614.3
April 2019	-	615.6	200.7	13,503.4
May 2018	-	W	206.4	14,732.7
<b>Mississippi</b>				
May 2019	-	W	W	2,208.3
April 2019	-	W	W	2,779.2
May 2018	-	W	W	2,819.5
<b>New Mexico</b>				
May 2019	-	-	313.5	1,270.9
April 2019	-	-	327.2	1,208.7
May 2018	-	-	355.7	1,292.4
<b>Texas</b>				
May 2019	-	1,300.3	1,889.6	36,188.7
April 2019	-	2,017.2	1,850.2	36,311.9
May 2018	-	684.8	2,052.1	31,519.0

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>				
May 2019	W	W	1,188.4	7,465.5
April 2019	W	-	1,171.9	7,097.8
May 2018	W	-	1,199.8	6,844.9
<b>Colorado</b>				
May 2019	-	W	216.1	2,297.6
April 2019	-	-	215.0	1,912.1
May 2018	-	-	218.8	2,110.4
<b>Idaho</b>				
May 2019	W	-	W	764.4
April 2019	W	-	114.7	874.3
May 2018	W	-	W	755.2
<b>Montana</b>				
May 2019	-	-	W	1,163.0
April 2019	-	-	128.0	1,146.8
May 2018	-	-	W	1,247.1
<b>Utah</b>				
May 2019	W	-	273.5	1,795.9
April 2019	W	-	307.8	1,947.3
May 2018	W	-	397.6	1,650.2
<b>Wyoming</b>				
May 2019	-	-	403.7	1,444.6
April 2019	-	-	406.4	1,217.2
May 2018	-	-	340.6	1,082.1
<b>PAD District 5</b>				
May 2019	W	W	2,487.7	20,603.8
April 2019	W	W	2,367.7	21,826.9
May 2018	W	W	2,392.3	20,856.2
<b>Alaska</b>				
May 2019	W	W	W	W
April 2019	W	W	W	W
May 2018	W	W	W	W
<b>Arizona</b>				
May 2019	-	-	475.1	792.1
April 2019	-	-	489.2	884.2
May 2018	-	-	416.3	1,110.3
<b>California</b>				
May 2019	-	-	1,206.0	13,247.3
April 2019	-	-	1,242.4	14,062.1
May 2018	-	-	1,041.2	12,975.8
<b>Hawaii</b>				
May 2019	-	-	W	W
April 2019	-	-	W	W
May 2018	-	-	W	W
<b>Nevada</b>				
May 2019	W	-	W	473.5
April 2019	W	-	W	476.3
May 2018	W	-	29.9	561.8
<b>Oregon</b>				
May 2019	-	-	W	2,141.9
April 2019	-	-	W	2,083.0
May 2018	-	-	4.0	2,125.2
<b>Washington</b>				
May 2019	W	-	308.3	3,358.7
April 2019	W	-	222.4	3,497.2
May 2018	W	-	316.4	3,521.6

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

**Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District**  
thousand gallons per day

Geographic area month	Residual fuel oil				No. 4 fuel[a]			
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
<b>United States</b>								
May 2019	W	W	W	W	2,131.2	8,012.5	-	W
April 2019	W	W	W	W	2,379.7	9,260.1	-	W
May 2018	W	414.0	W	7,971.6	3,228.2	8,385.6	-	W
<b>PAD District 1</b>								
May 2019	W	W	W	W	W	W	-	-
April 2019	W	W	W	W	W	W	-	-
May 2018	W	W	W	W	W	W	-	-
<b>Subdistrict 1A</b>								
May 2019	-	-	-	-	-	-	-	-
April 2019	-	-	-	-	-	-	-	-
May 2018	-	-	-	-	-	-	-	-
<b>Subdistrict 1B</b>								
May 2019	W	W	W	W	W	W	-	-
April 2019	W	W	W	W	W	W	-	-
May 2018	W	W	W	W	W	W	-	-
<b>Subdistrict 1C</b>								
May 2019	-	-	-	W	-	W	-	-
April 2019	-	-	-	W	-	W	-	-
May 2018	-	-	W	-	W	-	-	-
<b>PAD District 2</b>								
May 2019	-	-	W	W	W	W	-	-
April 2019	-	-	W	W	W	W	-	-
May 2018	-	-	W	W	W	W	-	-
<b>PAD District 3</b>								
May 2019	-	W	245.4	W	245.4	3,569.3	-	W
April 2019	-	W	303.8	W	303.8	3,499.7	-	W
May 2018	-	W	W	W	W	4,815.2	-	W
<b>PAD District 4</b>								
May 2019	-	-	-	W	-	W	-	-
April 2019	-	-	-	W	-	W	-	-
May 2018	-	-	-	W	-	W	-	-
<b>PAD District 5</b>								
May 2019	W	W	W	W	1,532.7	1,853.8	-	-
April 2019	W	W	W	W	1,732.1	2,090.4	-	-
May 2018	W	W	W	W	2,595.9	1,155.8	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

# **Prime Supplier Sales Volumes of Petroleum Products for Local Consumption**

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**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state**  
 thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>United States</b>						
May 2019	225,362.6	103,882.7	329,245.4	3,785.2	2,062.4	5,847.6
April 2019	218,209.7	103,023.7	321,233.4	3,566.6	2,042.5	5,609.1
May 2018	230,240.5	105,687.5	335,928.1	3,869.1	2,341.6	6,210.6
<b>PAD District 1</b>						
May 2019	68,034.8	40,070.5	108,105.2	1,472.6	732.2	2,204.8
April 2019	65,482.2	39,084.0	104,566.2	1,352.2	692.9	2,045.1
May 2018	67,938.8	41,182.1	109,120.9	1,396.7	890.4	2,287.1
<b>Subdistrict 1A</b>						
May 2019	1,716.9	12,465.1	14,182.0	15.3	224.9	240.2
April 2019	1,487.4	12,090.6	13,578.0	11.4	208.4	219.8
May 2018	1,911.2	13,245.0	15,156.2	17.7	321.8	339.5
<b>Connecticut</b>						
May 2019	-	3,258.5	3,258.5	-	42.0	42.0
April 2019	-	3,167.7	3,167.7	-	37.6	37.6
May 2018	-	3,775.6	3,775.6	-	87.2	87.2
<b>Maine</b>						
May 2019	718.8	1,055.5	1,774.4	8.8	16.5	25.3
April 2019	603.7	951.0	1,554.7	5.3	13.4	18.7
May 2018	764.0	1,104.4	1,868.5	5.6	16.3	21.9
<b>Massachusetts</b>						
May 2019	-	5,614.5	5,614.5	-	122.0	122.0
April 2019	-	5,478.0	5,478.0	-	118.4	118.4
May 2018	-	5,735.2	5,735.2	-	156.7	156.7
<b>New Hampshire</b>						
May 2019	336.2	995.5	1,331.7	1.3	16.1	17.4
April 2019	277.3	999.2	1,276.6	1.3	12.2	13.5
May 2018	379.4	917.8	1,297.2	3.2	23.2	26.4
<b>Rhode Island</b>						
May 2019	-	1,541.0	1,541.0	-	28.3	28.3
April 2019	-	1,494.6	1,494.6	-	26.9	26.9
May 2018	-	1,712.1	1,712.1	-	38.5	38.5
<b>Vermont</b>						
May 2019	661.9	-	661.9	5.1	-	5.1
April 2019	606.4	-	606.4	4.8	-	4.8
May 2018	767.8	-	767.8	8.9	-	8.9
<b>Subdistrict 1B</b>						
May 2019	12,098.5	23,320.8	35,419.4	143.4	438.0	581.4
April 2019	11,122.7	22,758.8	33,881.5	134.8	421.4	556.2
May 2018	12,935.7	23,711.5	36,647.2	139.5	493.5	633.0
<b>Delaware</b>						
May 2019	-	1,175.7	1,175.7	-	12.8	12.8
April 2019	-	1,096.3	1,096.3	-	8.2	8.2
May 2018	-	1,331.0	1,331.0	-	13.6	13.6
<b>District of Columbia</b>						
May 2019	-	164.4	164.4	-	3.4	3.4
April 2019	-	149.0	149.0	-	2.7	2.7
May 2018	-	174.1	174.1	-	4.3	4.3
<b>Maryland</b>						
May 2019	601.0	3,853.1	4,454.1	7.2	48.2	55.3
April 2019	481.0	3,951.8	4,432.8	4.7	33.3	38.0
May 2018	577.3	3,803.6	4,380.9	6.7	59.6	66.3
<b>New Jersey</b>						
May 2019	-	8,847.8	8,847.8	-	127.0	127.0
April 2019	-	8,456.4	8,456.4	-	117.4	117.4
May 2018	-	8,715.5	8,715.5	-	129.4	129.4
<b>New York</b>						
May 2019	5,725.6	6,590.6	12,316.2	85.0	216.0	301.0
April 2019	5,151.0	6,724.8	11,875.8	78.4	234.7	313.1
May 2018	6,225.8	6,749.2	12,975.0	69.1	256.5	325.6
<b>Pennsylvania</b>						
May 2019	5,771.9	2,689.2	8,461.1	51.2	30.7	81.9
April 2019	5,490.7	2,380.4	7,871.2	51.7	25.1	76.8
May 2018	6,132.6	2,938.1	9,070.7	63.7	30.0	93.7

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>United States</b>						
May 2019	23,721.0	19,101.2	42,822.1	252,868.8	125,046.3	377,915.1
April 2019	22,622.3	19,004.5	41,626.8	244,398.6	124,070.7	368,469.3
May 2018	24,501.2	19,376.1	43,877.3	258,610.8	127,405.2	386,016.0
<b>PAD District 1</b>						
May 2019	7,495.8	6,762.7	14,258.5	77,003.2	47,565.3	124,568.5
April 2019	7,161.2	6,441.4	13,602.7	73,995.6	46,218.3	120,213.9
May 2018	7,624.7	6,794.6	14,419.4	76,960.2	48,867.1	125,827.3
<b>Subdistrict 1A</b>						
May 2019	109.9	1,776.9	1,886.7	1,842.1	14,466.8	16,308.9
April 2019	82.4	1,660.9	1,743.3	1,581.2	13,959.9	15,541.1
May 2018	147.5	1,821.2	1,968.6	2,076.4	15,388.0	17,464.4
<b>Connecticut</b>						
May 2019	-	519.8	519.8	-	3,820.3	3,820.3
April 2019	-	483.2	483.2	-	3,688.5	3,688.5
May 2018	-	586.6	586.6	-	4,449.4	4,449.4
<b>Maine</b>						
May 2019	34.1	91.2	125.2	761.7	1,163.2	1,924.9
April 2019	24.6	73.3	97.9	633.6	1,037.7	1,671.3
May 2018	44.1	90.2	134.4	813.8	1,210.9	2,024.7
<b>Massachusetts</b>						
May 2019	-	827.3	827.3	-	6,563.7	6,563.7
April 2019	-	792.6	792.6	-	6,389.0	6,389.0
May 2018	-	802.5	802.5	-	6,694.4	6,694.4
<b>New Hampshire</b>						
May 2019	17.2	118.4	135.6	354.7	1,130.0	1,484.7
April 2019	14.0	107.1	121.1	292.6	1,118.5	1,411.2
May 2018	30.5	108.2	138.7	413.1	1,049.1	1,462.2
<b>Rhode Island</b>						
May 2019	-	220.3	220.3	-	1,789.6	1,789.6
April 2019	-	204.7	204.7	-	1,726.2	1,726.2
May 2018	-	233.7	233.7	-	1,984.2	1,984.2
<b>Vermont</b>						
May 2019	58.6	-	58.6	725.7	-	725.7
April 2019	43.8	-	43.8	654.9	-	654.9
May 2018	72.8	-	72.8	849.5	-	849.5
<b>Subdistrict 1B</b>						
May 2019	1,100.8	4,211.8	5,312.6	13,342.7	27,970.6	41,313.4
April 2019	970.2	4,025.1	4,995.3	12,227.7	27,205.3	39,433.1
May 2018	1,202.5	4,187.7	5,390.2	14,277.7	28,392.7	42,670.5
<b>Delaware</b>						
May 2019	-	137.5	137.5	-	1,325.9	1,325.9
April 2019	-	120.6	120.6	-	1,225.2	1,225.2
May 2018	-	153.8	153.8	-	1,498.5	1,498.5
<b>District of Columbia</b>						
May 2019	-	32.8	32.8	-	200.6	200.6
April 2019	-	32.6	32.6	-	184.3	184.3
May 2018	-	35.7	35.7	-	214.2	214.2
<b>Maryland</b>						
May 2019	55.7	671.2	727.0	663.9	4,572.5	5,236.4
April 2019	40.3	652.2	692.5	526.0	4,637.4	5,163.3
May 2018	54.2	645.9	700.1	638.2	4,509.1	5,147.2
<b>New Jersey</b>						
May 2019	-	1,366.7	1,366.7	-	10,341.5	10,341.5
April 2019	-	1,296.0	1,296.0	-	9,869.8	9,869.8
May 2018	-	1,327.9	1,327.9	-	10,172.8	10,172.8
<b>New York</b>						
May 2019	518.2	1,610.0	2,128.2	6,328.8	8,416.6	14,745.4
April 2019	424.2	1,554.3	1,978.5	5,653.6	8,513.8	14,167.4
May 2018	583.9	1,608.8	2,192.8	6,878.8	8,614.6	15,493.4
<b>Pennsylvania</b>						
May 2019	526.8	393.6	920.4	6,350.0	3,113.5	9,463.5
April 2019	505.7	369.4	875.1	6,048.2	2,774.9	8,823.1
May 2018	564.5	415.5	979.9	6,760.8	3,383.6	10,144.4

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>Subdistrict 1C</b>						
May 2019	54,219.3	4,284.6	58,503.9	1,314.0	69.2	1,383.2
April 2019	52,872.1	4,234.6	57,106.6	1,206.0	63.1	1,269.1
May 2018	53,091.9	4,225.5	57,317.4	1,239.5	75.1	1,314.6
<b>Florida</b>						
May 2019	18,161.0	-	18,161.0	342.4	-	342.4
April 2019	17,993.9	-	17,993.9	329.1	-	329.1
May 2018	17,209.3	-	17,209.3	294.3	-	294.3
<b>Georgia</b>						
May 2019	12,382.2	-	12,382.2	367.7	-	367.7
April 2019	12,022.6	-	12,022.6	343.1	-	343.1
May 2018	11,877.5	-	11,877.5	357.0	-	357.0
<b>North Carolina</b>						
May 2019	11,007.5	-	11,007.5	312.2	-	312.2
April 2019	10,562.9	-	10,562.9	269.2	-	269.2
May 2018	11,187.0	-	11,187.0	305.8	-	305.8
<b>South Carolina</b>						
May 2019	6,703.5	-	6,703.5	205.0	-	205.0
April 2019	6,569.7	-	6,569.7	189.3	-	189.3
May 2018	6,676.7	-	6,676.7	193.0	-	193.0
<b>Virginia</b>						
May 2019	3,895.3	4,284.6	8,179.8	67.4	69.2	136.6
April 2019	3,751.8	4,234.6	7,986.3	58.6	63.1	121.6
May 2018	4,079.0	4,225.5	8,304.5	69.1	75.1	144.2
<b>West Virginia</b>						
May 2019	2,069.7	-	2,069.7	19.4	-	19.4
April 2019	1,971.2	-	1,971.2	16.9	-	16.9
May 2018	2,062.3	-	2,062.3	20.3	-	20.3
<b>PAD District 2</b>						
May 2019	81,379.6	13,170.6	94,550.2	1,139.4	180.1	1,319.5
April 2019	78,148.9	12,998.0	91,146.9	1,055.7	177.1	1,232.8
May 2018	83,272.3	13,872.6	97,144.9	1,234.9	200.9	1,435.8
<b>Illinois</b>						
May 2019	4,525.7	7,128.7	11,654.4	51.3	86.4	137.6
April 2019	4,361.6	6,969.6	11,331.2	48.3	83.1	131.4
May 2018	4,741.0	7,241.2	11,982.2	71.9	96.2	168.1
<b>Indiana</b>						
May 2019	6,921.5	1,024.9	7,946.3	84.7	21.1	105.7
April 2019	6,569.5	1,003.5	7,572.9	78.0	20.8	98.8
May 2018	7,142.2	1,093.6	8,235.8	95.1	24.0	119.1
<b>Iowa</b>						
May 2019	2,837.8	-	2,837.8	88.8	-	88.8
April 2019	2,596.0	-	2,596.0	85.9	-	85.9
May 2018	2,968.4	-	2,968.4	100.3	-	100.3
<b>Kansas</b>						
May 2019	4,074.7	-	4,074.7	53.0	-	53.0
April 2019	4,115.4	-	4,115.4	52.3	-	52.3
May 2018	4,356.9	-	4,356.9	53.8	-	53.8
<b>Kentucky</b>						
May 2019	4,640.6	751.8	5,392.4	63.1	13.0	76.1
April 2019	4,472.3	795.3	5,267.5	56.3	13.9	70.2
May 2018	4,203.7	1,235.8	5,439.5	58.3	19.7	78.0
<b>Michigan</b>						
May 2019	12,167.1	-	12,167.1	87.9	-	87.9
April 2019	11,492.0	-	11,492.0	72.7	-	72.7
May 2018	12,356.3	-	12,356.3	89.6	-	89.6
<b>Minnesota</b>						
May 2019	5,856.4	-	5,856.4	112.4	-	112.4
April 2019	5,234.3	-	5,234.3	92.4	-	92.4
May 2018	5,761.7	-	5,761.7	139.5	-	139.5
<b>Missouri</b>						
May 2019	5,055.3	2,389.7	7,445.0	75.2	41.7	116.9
April 2019	5,062.4	2,366.2	7,428.6	72.5	41.0	113.4
May 2018	5,341.8	2,345.1	7,686.9	87.5	40.7	128.2

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>Subdistrict 1C</b>						
May 2019	6,285.2	774.0	7,059.2	61,818.5	5,127.8	66,946.3
April 2019	6,108.6	755.4	6,864.0	60,186.7	5,053.0	65,239.7
May 2018	6,274.7	785.8	7,060.5	60,606.1	5,086.4	65,692.5
<b>Florida</b>						
May 2019	2,295.4	-	2,295.4	20,798.8	-	20,798.8
April 2019	2,378.5	-	2,378.5	20,701.4	-	20,701.4
May 2018	2,324.1	-	2,324.1	19,827.7	-	19,827.7
<b>Georgia</b>						
May 2019	1,521.2	-	1,521.2	14,271.1	-	14,271.1
April 2019	1,460.8	-	1,460.8	13,826.5	-	13,826.5
May 2018	1,503.7	-	1,503.7	13,738.3	-	13,738.3
<b>North Carolina</b>						
May 2019	1,344.9	-	1,344.9	12,664.6	-	12,664.6
April 2019	1,206.1	-	1,206.1	12,038.2	-	12,038.2
May 2018	1,293.4	-	1,293.4	12,786.2	-	12,786.2
<b>South Carolina</b>						
May 2019	696.4	-	696.4	7,604.9	-	7,604.9
April 2019	662.9	-	662.9	7,421.9	-	7,421.9
May 2018	686.3	-	686.3	7,556.0	-	7,556.0
<b>Virginia</b>						
May 2019	310.4	774.0	1,084.4	4,273.0	5,127.8	9,400.8
April 2019	287.4	755.4	1,042.8	4,097.8	5,053.0	9,150.8
May 2018	341.9	785.8	1,127.7	4,490.0	5,086.4	9,576.4
<b>West Virginia</b>						
May 2019	116.9	-	116.9	2,206.0	-	2,206.0
April 2019	112.8	-	112.8	2,100.9	-	2,100.9
May 2018	125.3	-	125.3	2,207.9	-	2,207.9
<b>PAD District 2</b>						
May 2019	6,549.8	1,476.1	8,026.0	89,068.8	14,826.8	103,895.7
April 2019	5,943.9	1,450.4	7,394.2	85,148.5	14,625.4	99,773.9
May 2018	6,911.2	1,564.7	8,476.0	91,418.4	15,638.3	107,056.7
<b>Illinois</b>						
May 2019	239.3	905.5	1,144.8	4,816.2	8,120.6	12,936.8
April 2019	209.0	902.3	1,111.3	4,618.9	7,955.0	12,573.8
May 2018	255.6	943.0	1,198.6	5,068.5	8,280.4	13,348.9
<b>Indiana</b>						
May 2019	452.4	102.4	554.8	7,458.5	1,148.3	8,606.9
April 2019	438.6	94.1	532.7	7,086.1	1,118.3	8,204.4
May 2018	463.0	117.2	580.2	7,700.3	1,234.8	8,935.1
<b>Iowa</b>						
May 2019	347.0	-	347.0	3,273.6	-	3,273.6
April 2019	296.2	-	296.2	2,978.1	-	2,978.1
May 2018	370.5	-	370.5	3,439.1	-	3,439.1
<b>Kansas</b>						
May 2019	343.1	-	343.1	4,470.9	-	4,470.9
April 2019	341.5	-	341.5	4,509.2	-	4,509.2
May 2018	351.4	-	351.4	4,762.2	-	4,762.2
<b>Kentucky</b>						
May 2019	259.8	78.9	338.7	4,963.5	843.7	5,807.2
April 2019	240.4	75.1	315.5	4,769.0	884.3	5,653.3
May 2018	237.2	108.4	345.6	4,499.2	1,363.9	5,863.1
<b>Michigan</b>						
May 2019	745.4	-	745.4	13,000.3	-	13,000.3
April 2019	636.0	-	636.0	12,200.6	-	12,200.6
May 2018	792.7	-	792.7	13,238.5	-	13,238.5
<b>Minnesota</b>						
May 2019	647.7	-	647.7	6,616.5	-	6,616.5
April 2019	521.6	-	521.6	5,848.3	-	5,848.3
May 2018	678.7	-	678.7	6,580.0	-	6,580.0
<b>Missouri</b>						
May 2019	420.9	222.1	643.0	5,551.4	2,653.5	8,204.9
April 2019	380.8	219.3	600.1	5,515.7	2,626.5	8,142.2
May 2018	436.9	212.8	649.7	5,866.2	2,598.6	8,464.8

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 2 (cont.)</b>						
Nebraska						
May 2019	2,142.3	-	2,142.3	39.5	-	39.5
April 2019	2,080.2	-	2,080.2	39.3	-	39.3
May 2018	2,117.0	-	2,117.0	37.8	-	37.8
North Dakota						
May 2019	973.0	-	973.0	21.1	-	21.1
April 2019	902.8	-	902.8	23.4	-	23.4
May 2018	1,076.8	-	1,076.8	25.6	-	25.6
Ohio						
May 2019	12,993.4	-	12,993.4	151.4	-	151.4
April 2019	12,611.6	-	12,611.6	142.5	-	142.5
May 2018	12,859.8	-	12,859.8	158.3	-	158.3
Oklahoma						
May 2019	4,809.4	-	4,809.4	66.7	-	66.7
April 2019	4,995.9	-	4,995.9	65.6	-	65.6
May 2018	5,410.1	-	5,410.1	71.1	-	71.1
South Dakota						
May 2019	1,106.2	-	1,106.2	21.1	-	21.1
April 2019	1,006.1	-	1,006.1	18.1	-	18.1
May 2018	1,200.8	-	1,200.8	26.2	-	26.2
Tennessee						
May 2019	8,869.6	-	8,869.6	183.8	-	183.8
April 2019	8,609.7	-	8,609.7	172.6	-	172.6
May 2018	9,219.1	-	9,219.1	172.2	-	172.2
Wisconsin						
May 2019	4,406.6	1,875.5	6,282.2	39.6	17.9	57.5
April 2019	4,039.0	1,863.5	5,902.5	35.8	18.3	54.1
May 2018	4,516.7	1,956.9	6,473.6	47.7	20.3	68.0
<b>PAD District 3</b>						
Alabama						
May 2019	45,899.8	16,219.0	62,118.8	572.0	273.7	845.7
April 2019	45,311.3	16,019.9	61,331.3	550.7	264.1	814.8
May 2018	48,833.1	15,287.0	64,120.1	579.4	274.7	854.0
Arkansas						
May 2019	3,620.2	-	3,620.2	38.8	-	38.8
April 2019	3,546.4	-	3,546.4	38.0	-	38.0
May 2018	3,797.6	-	3,797.6	40.3	-	40.3
Louisiana						
May 2019	6,872.0	-	6,872.0	52.1	-	52.1
April 2019	6,584.2	-	6,584.2	50.9	-	50.9
May 2018	7,202.5	-	7,202.5	56.5	-	56.5
Mississippi						
May 2019	4,015.9	-	4,015.9	53.6	-	53.6
April 2019	3,786.1	-	3,786.1	53.2	-	53.2
May 2018	4,928.1	-	4,928.1	55.6	-	55.6
New Mexico						
May 2019	2,473.7	-	2,473.7	84.0	-	84.0
April 2019	2,379.1	-	2,379.1	80.4	-	80.4
May 2018	2,527.5	-	2,527.5	83.3	-	83.3
Texas						
May 2019	22,244.5	16,219.0	38,463.5	241.3	273.7	514.9
April 2019	22,568.2	16,019.9	38,588.1	233.8	264.1	497.9
May 2018	23,968.3	15,287.0	39,255.2	237.9	274.7	512.5

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
May 2019	228.4	-	228.4	2,410.2	-	2,410.2
April 2019	212.0	-	212.0	2,331.5	-	2,331.5
May 2018	244.5	-	244.5	2,399.3	-	2,399.3
<b>North Dakota</b>						
May 2019	107.5	-	107.5	1,101.6	-	1,101.6
April 2019	96.5	-	96.5	1,022.8	-	1,022.8
May 2018	110.5	-	110.5	1,212.9	-	1,212.9
<b>Ohio</b>						
May 2019	881.8	-	881.8	14,026.5	-	14,026.5
April 2019	826.3	-	826.3	13,580.4	-	13,580.4
May 2018	909.9	-	909.9	13,928.0	-	13,928.0
<b>Oklahoma</b>						
May 2019	494.1	-	494.1	5,370.2	-	5,370.2
April 2019	488.9	-	488.9	5,550.5	-	5,550.5
May 2018	517.7	-	517.7	5,999.0	-	5,999.0
<b>South Dakota</b>						
May 2019	110.5	-	110.5	1,237.8	-	1,237.8
April 2019	95.1	-	95.1	1,119.3	-	1,119.3
May 2018	134.5	-	134.5	1,361.5	-	1,361.5
<b>Tennessee</b>						
May 2019	843.7	-	843.7	9,897.2	-	9,897.2
April 2019	847.2	-	847.2	9,629.5	-	9,629.5
May 2018	925.5	-	925.5	10,316.7	-	10,316.7
<b>Wisconsin</b>						
May 2019	428.2	167.2	595.4	4,874.4	2,060.7	6,935.1
April 2019	313.8	159.6	473.4	4,388.7	2,041.3	6,430.0
May 2018	482.7	183.3	666.0	5,047.1	2,160.6	7,207.7
<b>PAD District 3</b>						
May 2019	3,908.8	2,258.0	6,166.8	50,380.6	18,750.7	69,131.4
April 2019	3,869.4	2,238.8	6,108.2	49,731.4	18,522.8	68,254.3
May 2018	4,104.1	2,086.3	6,190.4	53,516.5	17,647.9	71,164.5
<b>Alabama</b>						
May 2019	570.1	-	570.1	7,345.9	-	7,345.9
April 2019	564.3	-	564.3	7,105.9	-	7,105.9
May 2018	570.1	-	570.1	7,085.0	-	7,085.0
<b>Arkansas</b>						
May 2019	304.4	-	304.4	3,963.5	-	3,963.5
April 2019	293.6	-	293.6	3,878.0	-	3,878.0
May 2018	313.4	-	313.4	4,151.4	-	4,151.4
<b>Louisiana</b>						
May 2019	573.9	-	573.9	7,498.0	-	7,498.0
April 2019	544.9	-	544.9	7,180.1	-	7,180.1
May 2018	638.0	-	638.0	7,897.0	-	7,897.0
<b>Mississippi</b>						
May 2019	297.8	-	297.8	4,367.3	-	4,367.3
April 2019	289.0	-	289.0	4,128.4	-	4,128.4
May 2018	301.5	-	301.5	5,285.2	-	5,285.2
<b>New Mexico</b>						
May 2019	313.4	-	313.4	2,871.0	-	2,871.0
April 2019	292.5	-	292.5	2,752.0	-	2,752.0
May 2018	314.6	-	314.6	2,925.5	-	2,925.5
<b>Texas</b>						
May 2019	1,849.2	2,258.0	4,107.3	24,334.9	18,750.7	43,085.7
April 2019	1,885.1	2,238.8	4,123.9	24,687.0	18,522.8	43,209.8
May 2018	1,966.5	2,086.3	4,052.7	26,172.6	17,647.9	43,820.5

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 4</b>						
May 2019	12,585.0	-	12,585.0	283.8	-	283.8
April 2019	12,180.5	-	12,180.5	291.2	-	291.2
May 2018	12,892.2	-	12,892.2	311.3	-	311.3
<b>Colorado</b>						
May 2019	5,246.1	-	5,246.1	119.7	-	119.7
April 2019	5,070.1	-	5,070.1	115.8	-	115.8
May 2018	5,570.9	-	5,570.9	129.8	-	129.8
<b>Idaho</b>						
May 2019	1,735.0	-	1,735.0	14.8	-	14.8
April 2019	1,745.0	-	1,745.0	23.3	-	23.3
May 2018	1,792.9	-	1,792.9	23.9	-	23.9
<b>Montana</b>						
May 2019	1,691.7	-	1,691.7	71.3	-	71.3
April 2019	1,513.4	-	1,513.4	65.7	-	65.7
May 2018	1,758.5	-	1,758.5	73.6	-	73.6
<b>Utah</b>						
May 2019	2,960.7	-	2,960.7	57.3	-	57.3
April 2019	2,961.8	-	2,961.8	68.3	-	68.3
May 2018	2,858.9	-	2,858.9	60.3	-	60.3
<b>Wyoming</b>						
May 2019	951.5	-	951.5	20.7	-	20.7
April 2019	890.3	-	890.3	18.1	-	18.1
May 2018	911.0	-	911.0	23.6	-	23.6
<b>PAD District 5</b>						
May 2019	17,463.5	34,422.6	51,886.1	317.3	876.4	1,193.7
April 2019	17,086.8	34,921.8	52,008.6	316.7	908.4	1,225.1
May 2018	17,304.2	35,345.9	52,650.1	346.8	975.6	1,322.5
<b>Alaska</b>						
May 2019	638.1	-	638.1	W	-	W
April 2019	569.6	-	569.6	W	-	W
May 2018	640.7	-	640.7	W	-	W
<b>Arizona</b>						
May 2019	2,767.8	4,345.6	7,113.4	W	W	127.5
April 2019	W	W	7,450.7	W	W	130.2
May 2018	W	W	7,275.0	W	W	131.4
<b>California</b>						
May 2019	-	30,077.0	30,077.0	-	W	800.3
April 2019	-	30,259.8	30,259.8	-	W	826.4
May 2018	-	30,889.0	30,889.0	-	W	895.8
<b>Hawaii</b>						
May 2019	983.4	-	983.4	W	-	W
April 2019	964.2	-	964.2	W	-	W
May 2018	973.4	-	973.4	W	-	W
<b>Nevada</b>						
May 2019	2,584.8	-	2,584.8	61.0	-	61.0
April 2019	W	W	2,621.1	67.8	-	67.8
May 2018	W	W	2,589.7	84.5	-	84.5
<b>Oregon</b>						
May 2019	3,599.2	-	3,599.2	25.7	-	25.7
April 2019	3,483.0	-	3,483.0	24.7	-	24.7
May 2018	3,550.4	-	3,550.4	29.9	-	29.9
<b>Washington</b>						
May 2019	6,890.3	-	6,890.3	91.6	-	91.6
April 2019	6,660.2	-	6,660.2	89.5	-	89.5
May 2018	6,731.8	-	6,731.8	92.5	-	92.5

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 4</b>						
May 2019	2,645.2	-	2,645.2	15,514.1	-	15,514.1
April 2019	2,587.0	-	2,587.0	15,058.7	-	15,058.7
May 2018	2,659.8	-	2,659.8	15,863.2	-	15,863.2
<b>Colorado</b>						
May 2019	1,105.7	-	1,105.7	6,471.5	-	6,471.5
April 2019	1,072.6	-	1,072.6	6,258.5	-	6,258.5
May 2018	1,136.7	-	1,136.7	6,837.4	-	6,837.4
<b>Idaho</b>						
May 2019	283.6	-	283.6	2,033.4	-	2,033.4
April 2019	285.7	-	285.7	2,054.0	-	2,054.0
May 2018	295.5	-	295.5	2,112.3	-	2,112.3
<b>Montana</b>						
May 2019	305.2	-	305.2	2,068.2	-	2,068.2
April 2019	262.3	-	262.3	1,841.4	-	1,841.4
May 2018	320.9	-	320.9	2,153.1	-	2,153.1
<b>Utah</b>						
May 2019	770.4	-	770.4	3,788.4	-	3,788.4
April 2019	799.1	-	799.1	3,829.2	-	3,829.2
May 2018	738.0	-	738.0	3,657.2	-	3,657.2
<b>Wyoming</b>						
May 2019	180.4	-	180.4	1,152.5	-	1,152.5
April 2019	167.2	-	167.2	1,075.6	-	1,075.6
May 2018	168.6	-	168.6	1,103.2	-	1,103.2
<b>PAD District 5</b>						
May 2019	3,121.3	8,604.3	11,725.5	20,902.1	43,903.4	64,805.4
April 2019	3,060.8	8,873.9	11,934.7	20,464.3	44,704.2	65,168.5
May 2018	3,201.3	8,930.5	12,131.8	20,852.4	45,251.9	66,104.3
<b>Alaska</b>						
May 2019	W	-	W	718.4	-	718.4
April 2019	W	-	W	648.4	-	648.4
May 2018	W	-	W	721.1	-	721.1
<b>Arizona</b>						
May 2019	W	W	950.7	3,212.7	4,978.9	8,191.6
April 2019	W	W	1,023.1	W	W	8,604.0
May 2018	W	W	1,008.2	W	W	8,414.6
<b>California</b>						
May 2019	-	W	8,047.2	-	38,924.5	38,924.5
April 2019	-	W	8,245.3	-	39,331.5	39,331.5
May 2018	-	W	8,351.4	-	40,136.2	40,136.2
<b>Hawaii</b>						
May 2019	W	-	W	1,287.6	-	1,287.6
April 2019	W	-	W	1,272.1	-	1,272.1
May 2018	W	-	W	1,289.5	-	1,289.5
<b>Nevada</b>						
May 2019	610.0	-	610.0	3,255.7	-	3,255.7
April 2019	620.2	-	620.2	W	W	3,309.1
May 2018	W	W	661.8	W	W	3,336.0
<b>Oregon</b>						
May 2019	519.0	-	519.0	4,143.9	-	4,143.9
April 2019	490.5	-	490.5	3,998.2	-	3,998.2
May 2018	509.7	-	509.7	4,090.0	-	4,090.0
<b>Washington</b>						
May 2019	1,301.9	-	1,301.9	8,283.8	-	8,283.8
April 2019	1,255.5	-	1,255.5	8,005.2	-	8,005.2
May 2018	1,292.5	-	1,292.5	8,116.9	-	8,116.9

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state**

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
<b>United States</b>								
May 2019	549.6	67,008.1	-	W	22,078.4	W	W	10,908.5
April 2019	465.6	64,443.1	-	W	23,832.1	1,028.2	11,697.9	12,726.1
May 2018	460.0	66,803.2	-	W	22,392.8	1,387.5	10,668.2	12,055.6
<b>PAD District 1</b>								
May 2019	151.5	15,640.7	-	W	4,407.0	73.6	3,324.5	3,398.0
April 2019	160.5	15,578.2	-	W	6,028.8	77.0	3,602.9	3,679.9
May 2018	142.8	15,545.1	-	W	5,106.5	351.6	3,727.5	4,079.2
<b>Subdistrict 1A</b>								
May 2019	19.4	1,558.2	-	W	1,007.6	W	W	57.1
April 2019	11.2	1,521.1	-	W	1,348.3	W	W	55.1
May 2018	20.2	1,578.4	-	W	1,042.0	W	W	109.5
<b>Connecticut</b>								
May 2019	3.2	222.5	-	-	113.1	W	-	W
April 2019	1.2	172.3	-	-	141.0	W	-	W
May 2018	2.6	186.6	-	-	142.5	-	-	-
<b>Maine</b>								
May 2019	2.9	107.8	-	-	264.1	W	W	13.2
April 2019	W	120.1	-	-	348.8	W	W	14.6
May 2018	3.8	118.5	-	-	248.9	W	W	W
<b>Massachusetts</b>								
May 2019	8.7	1,076.5	-	W	161.4	W	W	W
April 2019	7.2	1,065.4	-	W	247.9	W	W	24.6
May 2018	8.9	1,077.0	-	W	208.5	W	W	87.0
<b>New Hampshire</b>								
May 2019	W	55.3	-	W	276.2	W	-	W
April 2019	W	64.8	-	W	326.5	W	-	W
May 2018	2.8	66.9	-	W	221.7	W	W	W
<b>Rhode Island</b>								
May 2019	1.3	70.9	-	-	26.2	W	-	W
April 2019	0.7	73.7	-	-	26.4	W	-	W
May 2018	W	102.5	-	-	69.4	-	-	-
<b>Vermont</b>								
May 2019	W	25.2	-	W	166.7	W	-	W
April 2019	W	24.8	-	W	257.6	W	-	W
May 2018	W	26.8	-	W	150.9	W	W	W
<b>Subdistrict 1B</b>								
May 2019	26.7	9,060.1	-	W	1,797.5	W	W	2,470.8
April 2019	30.9	8,866.1	-	W	2,430.4	W	W	2,466.0
May 2018	29.5	9,218.1	-	W	2,197.5	W	W	2,911.6
<b>Delaware</b>								
May 2019	0.8	12.0	-	-	85.1	-	W	W
April 2019	1.5	12.5	-	-	140.0	-	-	-
May 2018	1.5	11.4	-	-	W	W	W	W
<b>District of Columbia</b>								
May 2019	-	-	-	-	-	-	-	-
April 2019	-	-	-	-	-	-	-	-
May 2018	-	-	-	-	W	-	-	-
<b>Maryland</b>								
May 2019	4.8	208.9	-	-	156.3	-	W	W
April 2019	6.3	198.3	-	-	249.3	-	W	W
May 2018	5.8	222.5	-	-	196.8	-	-	-
<b>New Jersey</b>								
May 2019	6.1	2,911.5	-	W	132.7	W	W	1,823.1
April 2019	5.3	2,871.0	-	W	140.6	W	W	1,708.2
May 2018	5.6	3,330.9	-	-	158.2	W	W	1,904.9
<b>New York</b>								
May 2019	7.5	3,584.4	-	W	694.6	W	W	509.1
April 2019	8.9	3,503.0	-	W	922.3	W	W	670.3
May 2018	9.0	3,626.3	-	W	650.3	18.2	796.7	814.9
<b>Pennsylvania</b>								
May 2019	7.4	2,343.4	-	-	728.8	W	W	56.9
April 2019	8.9	2,281.3	-	-	978.2	W	W	W
May 2018	7.6	2,027.0	-	-	1,063.5	W	W	W

See footnotes at end of table.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
<b>Subdistrict 1C</b>								
May 2019	105.5	5,022.4	-	1,601.9	-	870.1		870.1
April 2019	118.4	5,191.1	-	2,250.1	-	1,158.9		1,158.9
May 2018	93.1	4,748.6	-	1,866.9	-	1,058.0		1,058.0
<b>Florida</b>								
May 2019	59.7	2,609.3	-	522.8	-	685.4		685.4
April 2019	69.4	3,049.9	-	581.7	-	932.8		932.8
May 2018	51.3	2,641.7	-	707.8	-	705.3		705.3
<b>Georgia</b>								
May 2019	14.5	531.9	-	262.1	-	158.2		158.2
April 2019	18.3	457.8	-	323.5	-	196.8		196.8
May 2018	15.6	407.4	-	227.2	-	66.7		66.7
<b>North Carolina</b>								
May 2019	11.9	379.7	-	327.2	-	W		W
April 2019	11.1	356.6	-	512.4	-	W		W
May 2018	10.1	320.6	-	331.5	-	W		W
<b>South Carolina</b>								
May 2019	7.2	296.1	-	185.6	-	W		W
April 2019	7.9	269.5	-	318.0	-	W		W
May 2018	6.5	258.8	-	225.2	-	W		W
<b>Virginia</b>								
May 2019	11.1	1,180.7	-	236.6	-	W		W
April 2019	9.3	1,034.5	-	400.8	-	W		W
May 2018	7.8	1,096.0	-	309.0	-	W		W
<b>West Virginia</b>								
May 2019	1.1	24.7	-	67.5	-	W		W
April 2019	2.4	22.8	-	113.7	-	W		W
May 2018	1.8	24.0	-	66.2	-	-		-
<b>PAD District 2</b>								
May 2019	95.6	11,286.0	-	5,162.5	W	113.5		W
April 2019	96.2	10,418.5	-	6,194.5	W	102.7		W
May 2018	102.0	10,786.3	-	4,572.1	W	125.0		W
<b>Illinois</b>								
May 2019	10.6	3,216.9	-	630.9	-	W		W
April 2019	8.7	2,869.2	-	617.6	-	-		-
May 2018	12.3	3,029.3	-	556.3	-	W		W
<b>Indiana</b>								
May 2019	7.5	1,035.2	-	347.1	-	W		W
April 2019	6.1	1,062.9	-	338.4	-	W		W
May 2018	7.0	996.3	-	261.5	-	W		W
<b>Iowa</b>								
May 2019	3.3	95.9	-	426.2	-	-		-
April 2019	3.4	103.6	-	522.3	-	-		-
May 2018	4.2	94.5	-	286.8	-	-		-
<b>Kansas</b>								
May 2019	5.1	158.7	-	320.2	-	-		-
April 2019	7.6	138.0	-	398.8	-	-		-
May 2018	6.7	129.5	-	266.1	-	-		-
<b>Kentucky</b>								
May 2019	4.2	1,459.5	-	156.3	-	-		-
April 2019	5.3	1,292.0	-	242.1	-	-		-
May 2018	3.2	1,469.5	-	185.6	-	W		W
<b>Michigan</b>								
May 2019	8.3	624.2	-	612.4	-	W		W
April 2019	8.8	676.7	-	789.1	-	W		W
May 2018	9.0	648.1	-	705.3	-	W		W
<b>Minnesota</b>								
May 2019	8.4	374.4	-	466.2	-	W		W
April 2019	8.0	395.5	-	520.2	-	W		W
May 2018	10.3	349.8	-	369.0	-	W		W
<b>Missouri</b>								
May 2019	6.4	327.5	-	300.7	-	-		-
April 2019	7.9	305.5	-	476.6	-	-		-
May 2018	7.3	347.3	-	285.1	-	-		-

See footnotes at end of table.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil					
					Sulfur less than or equal to 1%	Sulfur greater than 1%							
<b>PAD District 2 (cont.)</b>													
<b>Nebraska</b>													
May 2019	3.8	192.7	-	116.3	-	-	-	-					
April 2019	2.6	173.3	-	155.0	-	-	-	-					
May 2018	3.6	185.6	-	110.7	-	-	-	-					
<b>North Dakota</b>													
May 2019	5.5	95.2	-	437.1	-	-	-	-					
April 2019	5.2	99.8	-	455.1	-	-	-	-					
May 2018	6.0	87.8	-	287.9	-	-	-	-					
<b>Ohio</b>													
May 2019	9.4	1,060.5	-	361.5	W	W	W	W					
April 2019	10.6	848.2	-	504.8	W	W	W	W					
May 2018	8.2	1,051.8	-	390.0	W	-	-	W					
<b>Oklahoma</b>													
May 2019	5.5	966.9	-	127.2	-	-	-	-					
April 2019	7.0	793.5	-	172.7	-	-	-	-					
May 2018	6.6	774.7	-	128.4	-	-	-	-					
<b>South Dakota</b>													
May 2019	2.0	53.6	-	97.0	-	W	W	W					
April 2019	1.8	46.6	-	122.5	-	W	W	W					
May 2018	2.8	49.0	-	87.0	-	W	W	W					
<b>Tennessee</b>													
May 2019	9.5	1,427.5	-	147.4	-	-	-	-					
April 2019	7.9	1,388.8	-	159.8	-	W	W	W					
May 2018	8.0	1,382.6	-	169.9	-	W	W	W					
<b>Wisconsin</b>													
May 2019	6.0	197.2	-	616.0	-	W	W	W					
April 2019	5.3	224.7	-	719.3	-	W	W	W					
May 2018	6.8	190.6	-	482.7	-	W	W	W					
<b>PAD District 3</b>													
May 2019	67.9	17,212.9	-	9,634.2	W	W	3,000.1						
April 2019	66.7	16,161.6	-	8,595.4	W	W	4,546.9						
May 2018	89.2	18,637.1	-	10,178.0	216.1	3,150.9	3,367.0						
<b>Alabama</b>													
May 2019	7.5	341.7	-	133.6	-	W	W	W					
April 2019	8.7	279.6	-	164.8	-	W	W	W					
May 2018	7.3	190.5	-	91.5	-	W	W	W					
<b>Arkansas</b>													
May 2019	4.8	187.0	-	88.4	-	-	-	-					
April 2019	4.4	149.5	-	107.4	-	-	-	-					
May 2018	5.8	183.9	-	79.3	-	-	-	-					
<b>Louisiana</b>													
May 2019	9.0	2,671.3	-	811.4	-	654.1	654.1						
April 2019	7.0	2,675.2	-	895.6	-	612.3	612.3						
May 2018	8.8	3,333.3	-	816.5	W	W	959.8						
<b>Mississippi</b>													
May 2019	4.7	2,392.7	-	156.8	-	W	W	W					
April 2019	4.0	1,653.1	-	214.3	-	W	W	W					
May 2018	6.7	1,961.5	-	156.5	-	W	W	W					
<b>New Mexico</b>													
May 2019	3.5	162.0	-	167.6	-	-	-	-					
April 2019	4.5	136.2	-	203.7	-	-	-	-					
May 2018	4.1	150.5	-	150.3	-	-	-	-					
<b>Texas</b>													
May 2019	38.4	11,458.2	-	8,276.3	W	W	2,263.9						
April 2019	38.1	11,268.0	-	7,009.5	W	W	3,857.9						
May 2018	56.6	12,817.5	-	8,883.8	W	W	2,326.6						

See footnotes at end of table.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
<b>PAD District 4</b>								
May 2019	25.4	2,043.1	-	819.3	-	-	W	W
April 2019	19.9	1,896.5	-	858.1	-	-	W	W
May 2018	30.5	2,224.1	-	639.6	-	-	W	W
<b>Colorado</b>								
May 2019	8.6	1,083.2	-	231.1	-	-	-	-
April 2019	7.3	902.9	-	269.0	-	-	-	-
May 2018	10.3	1,127.9	-	203.9	-	-	-	-
<b>Idaho</b>								
May 2019	5.3	93.3	-	77.4	-	-	-	-
April 2019	W	90.6	-	85.9	-	-	-	-
May 2018	5.9	101.8	-	69.4	-	-	-	-
<b>Montana</b>								
May 2019	4.4	113.7	-	149.0	-	-	-	-
April 2019	3.0	101.2	-	129.6	-	-	-	-
May 2018	4.7	88.1	-	116.7	-	-	-	-
<b>Utah</b>								
May 2019	5.3	711.1	-	108.3	-	-	-	-
April 2019	6.6	746.8	-	125.3	-	-	-	-
May 2018	6.8	845.4	-	100.5	-	-	-	-
<b>Wyoming</b>								
May 2019	1.8	41.8	-	253.6	-	-	W	W
April 2019	W	55.0	-	248.2	-	-	W	W
May 2018	2.9	60.8	-	149.1	-	-	W	W
<b>PAD District 5</b>								
May 2019	209.2	20,825.4	-	2,055.4	W	W	W	4,389.8
April 2019	122.4	20,388.3	-	2,155.4	W	W	W	4,391.6
May 2018	95.5	19,610.7	-	1,896.6	W	W	W	4,480.4
<b>Alaska</b>								
May 2019	W	1,826.1	-	W	-	-	-	-
April 2019	W	1,750.4	-	W	-	-	-	-
May 2018	W	1,790.3	-	W	-	-	-	-
<b>Arizona</b>								
May 2019	20.7	439.4	-	194.1	-	-	-	-
April 2019	24.5	525.2	-	200.0	-	-	-	-
May 2018	18.3	449.4	-	207.5	-	-	-	-
<b>California</b>								
May 2019	157.9	13,503.5	-	1,136.4	W	W	W	1,533.3
April 2019	66.7	12,888.7	-	1,195.6	W	W	W	1,802.8
May 2018	45.6	12,328.0	-	1,080.3	W	W	W	2,152.5
<b>Hawaii</b>								
May 2019	W	1,715.9	-	W	W	W	W	W
April 2019	W	1,687.6	-	W	W	382.7	W	W
May 2018	W	1,554.6	-	W	W	W	W	1,023.1
<b>Nevada</b>								
May 2019	4.5	652.9	-	79.4	-	-	-	-
April 2019	4.1	642.5	-	91.2	-	-	-	-
May 2018	W	590.3	-	84.1	-	-	-	-
<b>Oregon</b>								
May 2019	9.3	583.8	-	134.6	-	-	W	W
April 2019	13.0	512.6	-	146.2	-	-	W	W
May 2018	11.3	544.0	-	130.0	-	-	-	-
<b>Washington</b>								
May 2019	12.5	2,103.9	-	459.8	-	1,655.1	1,655.1	1,655.1
April 2019	10.4	2,381.2	-	473.6	-	1,464.6	1,464.6	1,464.6
May 2018	12.1	2,354.0	-	340.5	-	1,304.8	1,304.8	1,304.8

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state**  
 thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		No. 2 distillate	Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur		
<b>United States</b>								
May 2019	658.5	W	4,533.8	160,603.6	W	W	166,404.2	167,316.6
April 2019	507.8	W	6,680.5	159,548.4	W	W	167,747.8	168,757.7
May 2018	732.5	W	3,918.3	169,585.4	131.8	1,487.0	175,122.5	176,145.4
<b>PAD District 1</b>								
May 2019	64.2	W	3,778.5	40,494.8	-	266.5	44,539.8	44,659.8
April 2019	W	17.9	5,900.6	39,808.8	-	265.3	45,974.7	46,191.6
May 2018	W	17.3	3,771.8	40,116.7	-	250.3	44,138.8	44,265.5
<b>Subdistrict 1A</b>								
May 2019	32.8	W	1,969.1	W	-	W	5,532.4	5,574.0
April 2019	58.2	W	3,116.6	W	-	W	6,713.3	6,787.1
May 2018	25.8	W	1,708.2	W	-	W	5,283.9	5,314.6
<b>Connecticut</b>								
May 2019	W	W	378.8	702.1	-	-	1,080.9	1,082.3
April 2019	W	W	568.1	805.4	-	-	1,373.5	1,375.4
May 2018	W	W	380.3	738.7	-	-	1,119.0	1,120.7
<b>Maine</b>								
May 2019	W	W	453.8	W	-	W	1,104.8	1,129.5
April 2019	W	W	687.8	W	-	W	1,265.4	1,309.3
May 2018	W	W	375.7	646.5	-	-	1,022.2	1,042.6
<b>Massachusetts</b>								
May 2019	1.5	W	527.5	W	-	W	1,821.2	1,823.9
April 2019	5.4	W	891.2	W	-	W	2,217.6	2,225.1
May 2018	W	W	433.5	W	-	W	1,638.6	1,640.3
<b>New Hampshire</b>								
May 2019	6.0	W	286.3	W	-	W	632.3	641.3
April 2019	7.4	W	419.4	327.6	-	-	747.0	760.1
May 2018	3.5	W	231.8	356.8	-	-	588.6	594.5
<b>Rhode Island</b>								
May 2019	W	W	182.7	386.0	-	-	568.7	568.8
April 2019	W	W	317.5	398.6	-	-	716.1	716.3
May 2018	W	W	195.0	W	-	W	637.3	637.3
<b>Vermont</b>								
May 2019	2.2	W	140.0	184.5	-	-	324.5	328.3
April 2019	4.5	W	232.5	161.2	-	-	393.7	400.8
May 2018	0.5	W	91.9	186.3	-	-	278.2	279.3
<b>Subdistrict 1B</b>								
May 2019	W	W	1,770.1	W	-	W	15,383.4	15,456.8
April 2019	42.4	W	2,737.0	12,853.0	-	164.4	15,754.3	15,882.2
May 2018	17.4	W	2,028.2	W	-	W	15,447.8	15,526.2
<b>Delaware</b>								
May 2019	W	-	13.8	291.3	-	W	W	307.5
April 2019	1.4	-	W	W	-	-	342.2	343.5
May 2018	W	-	W	255.2	-	W	W	272.0
<b>District of Columbia</b>								
May 2019	-	-	W	W	-	-	43.4	43.4
April 2019	-	-	W	W	-	-	42.9	42.9
May 2018	-	-	W	W	-	-	45.5	45.5
<b>Maryland</b>								
May 2019	W	-	W	1,753.6	-	W	W	1,828.9
April 2019	4.5	-	127.2	W	-	W	1,871.6	1,876.1
May 2018	W	-	126.1	1,621.6	-	W	W	1,765.3
<b>New Jersey</b>								
May 2019	W	-	423.4	W	-	W	3,476.9	3,478.1
April 2019	W	-	612.2	W	-	W	3,667.5	3,668.7
May 2018	W	-	548.0	3,011.3	-	W	W	3,564.9
<b>New York</b>								
May 2019	W	W	930.1	W	-	W	4,322.3	4,387.1
April 2019	29.6	W	1,509.2	3,091.2	-	103.6	4,704.0	4,817.7
May 2018	9.4	W	935.8	W	-	W	4,297.6	4,367.8
<b>Pennsylvania</b>								
May 2019	6.2	-	344.5	W	-	W	5,405.5	5,411.7
April 2019	W	W	463.5	W	-	W	5,126.1	5,133.3
May 2018	W	W	401.6	W	-	W	5,504.4	5,510.7

See footnotes at end of table.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur	
<b>Subdistrict 1C</b>							
May 2019	W	W	39.2	W	-	W	23,624.0
April 2019	W	W	47.1	W	-	W	23,507.0
May 2018	W	W	35.4	W	-	W	23,407.2
<b>Florida</b>							
May 2019	W	-	-	6,260.9	-	W	6,306.5
April 2019	W	-	-	6,548.4	-	W	6,632.5
May 2018	W	-	-	6,020.3	-	W	6,065.7
<b>Georgia</b>							
May 2019	W	W	-	W	-	W	5,144.7
April 2019	W	W	-	W	-	W	5,104.7
May 2018	W	W	-	W	-	W	4,942.5
<b>North Carolina</b>							
May 2019	W	-	W	4,070.8	-	W	4,090.8
April 2019	W	W	W	3,833.7	-	W	3,855.2
May 2018	W	W	W	W	-	W	3,929.6
<b>South Carolina</b>							
May 2019	0.2	-	W	2,891.8	-	W	2,900.7
April 2019	0.8	-	W	2,862.9	-	W	2,868.9
May 2018	W	-	W	W	-	W	3,045.4
<b>Virginia</b>							
May 2019	0.4	-	12.5	W	-	W	3,796.2
April 2019	2.9	-	19.8	W	-	W	3,692.3
May 2018	W	W	5.8	W	-	W	4,069.4
<b>West Virginia</b>							
May 2019	W	W	8.9	1,377.4	-	-	1,386.3
April 2019	W	W	12.6	W	-	-	W
May 2018	W	W	8.5	W	-	-	W
<b>PAD District 2</b>							
May 2019	13.2	49.8	19.2	W	-	W	50,697.8
April 2019	19.8	78.4	17.4	W	-	W	51,138.2
May 2018	12.3	64.6	68.5	W	-	W	55,887.3
<b>Illinois</b>							
May 2019	1.0	3.5	-	5,587.8	-	-	5,587.8
April 2019	2.0	5.6	-	5,933.1	-	-	5,933.1
May 2018	0.9	5.6	-	6,130.1	-	-	6,130.1
<b>Indiana</b>							
May 2019	W	W	-	W	-	W	4,071.3
April 2019	W	W	-	W	-	W	4,203.6
May 2018	W	W	-	W	-	W	4,861.5
<b>Iowa</b>							
May 2019	0.4	3.9	W	W	-	-	2,679.2
April 2019	0.4	8.2	W	W	-	-	3,074.3
May 2018	W	W	W	W	-	-	3,032.3
<b>Kansas</b>							
May 2019	W	W	-	2,872.5	-	-	2,872.5
April 2019	W	W	-	3,186.8	-	-	3,186.8
May 2018	W	W	-	3,141.5	-	-	3,141.5
<b>Kentucky</b>							
May 2019	W	W	-	W	-	W	2,688.8
April 2019	W	W	-	W	-	W	2,686.7
May 2018	W	W	-	W	-	W	2,896.5
<b>Michigan</b>							
May 2019	W	W	W	3,319.4	-	W	3,350.4
April 2019	2.7	7.2	W	3,059.3	-	W	3,060.6
May 2018	W	W	W	3,455.4	-	W	3,483.7
<b>Minnesota</b>							
May 2019	0.8	7.7	3.0	2,787.3	-	-	2,790.3
April 2019	0.5	14.4	W	W	-	-	2,418.4
May 2018	W	W	8.9	2,943.9	-	-	2,952.8
<b>Missouri</b>							
May 2019	W	W	-	3,679.4	-	-	3,679.4
April 2019	0.1	0.5	-	4,132.3	-	-	4,132.3
May 2018	-	W	W	W	-	-	W

See footnotes at end of table.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 distillate				Total distillate and kerosene	
				No. 2 diesel fuel					
				Ultra-low sulfur	Low-sulfur	High-sulfur	No. 2 distillate		
<b>PAD District 2 (cont.)</b>									
<b>Nebraska</b>									
May 2019	-	W	-	W	-	-	W	2,121.1	
April 2019	-	W	W	W	-	-	W	2,465.2	
May 2018	-	1.4	W	W	-	-	2,386.8	2,388.2	
<b>North Dakota</b>									
May 2019	W	W	-	2,194.1	-	-	2,194.1	2,205.4	
April 2019	W	W	-	2,004.3	-	-	2,004.3	2,021.7	
May 2018	W	W	W	W	-	-	2,365.8	2,376.1	
<b>Ohio</b>									
May 2019	W	W	W	W	-	-	5,864.8	5,869.0	
April 2019	W	W	W	W	-	-	6,059.1	6,066.0	
May 2018	W	W	NA	6,234.3	-	-	6,237.7	6,242.5	
<b>Oklahoma</b>									
May 2019	W	W	W	W	-	-	4,860.5	4,863.4	
April 2019	W	W	-	4,384.2	-	-	4,384.2	4,386.9	
May 2018	W	W	W	W	-	-	5,811.8	5,818.1	
<b>South Dakota</b>									
May 2019	-	W	W	W	-	-	W	858.3	
April 2019	W	W	W	W	-	-	W	795.0	
May 2018	-	W	W	W	-	-	W	1,210.5	
<b>Tennessee</b>									
May 2019	0.6	-	-	4,066.5	-	-	4,066.5	4,067.1	
April 2019	W	W	-	3,917.4	-	-	3,917.4	3,919.4	
May 2018	W	W	-	W	-	-	W	3,859.9	
<b>Wisconsin</b>									
May 2019	W	W	W	W	-	-	3,016.0	3,018.7	
April 2019	0.7	4.1	W	W	-	-	2,824.8	2,829.6	
May 2018	0.6	4.5	W	W	-	-	3,354.9	3,359.9	
<b>PAD District 3</b>									
May 2019	W	W	688.6	39,846.8	W	W	40,853.2	41,428.3	
April 2019	W	W	W	38,490.7	W	371.8	39,596.4	39,964.3	
May 2018	W	W	W	43,223.6	W	597.1	43,952.2	44,616.2	
<b>Alabama</b>									
May 2019	W	-	-	2,897.4	-	W	W	2,901.1	
April 2019	W	-	W	2,736.5	W	W	W	2,769.2	
May 2018	W	-	-	2,891.8	W	W	W	2,951.3	
<b>Arkansas</b>									
May 2019	-	-	W	W	-	-	2,118.7	2,118.7	
April 2019	-	-	-	2,142.5	-	-	2,142.5	2,142.5	
May 2018	-	W	W	W	-	-	W	2,448.2	
<b>Louisiana</b>									
May 2019	W	-	W	W	-	W	W	5,818.4	
April 2019	W	-	-	4,154.1	-	W	W	4,627.1	
May 2018	W	-	W	W	-	W	W	7,271.3	
<b>Mississippi</b>									
May 2019	-	W	-	2,166.6	-	W	W	2,167.7	
April 2019	-	W	-	1,983.8	-	W	W	2,018.9	
May 2018	-	W	-	2,586.0	-	W	W	2,586.4	
<b>New Mexico</b>									
May 2019	-	-	-	W	W	-	2,150.8	2,150.8	
April 2019	-	-	-	2,092.3	-	-	2,092.3	2,092.3	
May 2018	-	-	-	2,000.5	-	-	2,000.5	2,000.5	
<b>Texas</b>									
May 2019	W	W	W	25,405.8	-	W	26,266.5	26,271.6	
April 2019	W	W	W	25,381.6	-	W	26,310.2	26,314.4	
May 2018	W	W	W	26,815.7	W	498.1	27,353.4	27,358.6	

See footnotes at end of table.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)**  
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		No. 2 distillate	Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur		
<b>PAD District 4</b>								
May 2019	W	W	W	W	-	-	9,066.4	9,078.2
April 2019	-	45.2	2.9	9,024.5	-	-	9,027.4	9,072.6
May 2018	-	15.3	W	W	-	-	9,372.4	9,387.7
<b>Colorado</b>								
May 2019	-	3.1	-	2,334.0	-	-	2,334.0	2,337.1
April 2019	-	13.1	-	2,261.6	-	-	2,261.6	2,274.6
May 2018	-	5.4	-	2,519.0	-	-	2,519.0	2,524.4
<b>Idaho</b>								
May 2019	-	0.7	1.0	1,430.4	-	-	1,431.3	1,432.0
April 2019	-	0.9	W	W	-	-	1,529.8	1,530.7
May 2018	-	W	W	W	-	-	W	1,491.6
<b>Montana</b>								
May 2019	-	5.5	-	W	-	-	1,694.4	1,699.8
April 2019	-	17.4	W	W	-	-	1,725.6	1,743.0
May 2018	-	5.5	W	W	-	-	1,915.2	1,920.7
<b>Utah</b>								
May 2019	W	W	W	W	-	-	1,904.2	1,905.0
April 2019	-	2.2	W	W	-	-	1,985.7	1,987.9
May 2018	-	W	W	1,985.8	-	-	W	1,992.0
<b>Wyoming</b>								
May 2019	-	1.8	-	1,702.5	-	-	1,702.5	1,704.4
April 2019	-	11.6	-	W	-	-	1,524.8	1,536.5
May 2018	-	2.2	-	1,456.8	-	-	1,456.8	1,459.0
<b>PAD District 5</b>								
May 2019	W	W	W	W	W	536.6	21,247.0	21,389.5
April 2019	9.5	272.1	W	W	W	774.8	22,011.2	22,292.8
May 2018	8.1	131.9	W	W	W	W	21,771.7	21,911.6
<b>Alaska</b>								
May 2019	-	W	W	W	-	W	W	597.7
April 2019	-	W	W	W	-	W	W	W
May 2018	-	W	W	W	-	W	W	W
<b>Arizona</b>								
May 2019	-	W	-	W	-	-	W	2,611.1
April 2019	-	W	-	W	-	-	W	2,864.7
May 2018	-	-	-	2,756.7	-	-	2,756.7	2,756.7
<b>California</b>								
May 2019	W	W	-	W	-	W	10,181.1	10,190.8
April 2019	W	W	-	W	-	W	10,967.8	10,979.9
May 2018	W	W	-	W	-	W	10,905.0	10,916.8
<b>Hawaii</b>								
May 2019	-	-	-	389.5	W	W	736.5	736.5
April 2019	-	-	-	290.9	W	W	W	W
May 2018	-	-	-	465.1	W	286.1	W	W
<b>Nevada</b>								
May 2019	W	-	W	1,604.7	-	-	W	1,607.7
April 2019	W	W	W	W	-	-	1,553.0	1,555.0
May 2018	W	W	W	W	-	-	1,496.6	1,497.8
<b>Oregon</b>								
May 2019	-	-	-	W	-	W	2,252.1	2,252.1
April 2019	-	W	-	2,104.6	-	W	W	2,112.3
May 2018	W	W	-	2,077.2	-	-	2,077.2	2,078.1
<b>Washington</b>								
May 2019	W	W	W	3,344.9	-	W	3,391.9	3,393.5
April 2019	W	W	W	3,303.1	-	W	3,334.7	3,337.1
May 2018	-	1.3	W	3,288.5	-	W	3,339.1	3,340.4

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.